SCH-a870 Series

PORTABLE Dual-Mode TELEPHONE

User Guide

Please read this manual before operating your phone, and keep it for future reference.

SAMSUNG

ZJ24.04_CB_a870_110706_F2_rev_1

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the "Phone System"), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Samsung Telecommunications America (STA), Inc.

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082

Customer Care Center:
1000 Klein Street
Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Internet Address: http://www.samsungusa.com

©2006 Samsung Telecommunications America, Inc. is a registered trademark of Samsung Electronics America, Inc. and its related entities.

CDMA Technology is licensed by Qualcomm Incorporated under one or more of the following patents: U.S. Patent No. 4,901,307; 5,056,109; 5,099,204; 5,101,501; 5,103,459; 5,107,225; 5,109,390.

GH68-12373A

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437; U.S. Pat. 5,953,541; U.S. Pat. 6,011,554 and other patents pending.

Openwave® is a registered Trademark of Openwave, Inc.

RSA® is a registered Trademark RSA Security, Inc.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT

WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Table of Contents

Section 1: Getting Started 9
Understanding this User Manual 10
Charging the Battery 11
Activating Your Phone 12
Setting Up Your Voicemail 15
Section 2: Understanding Your Phone 17
Features of Your Phone 18
Closed View of Your Phone 19
Open View of Your Phone 21
Command Keys 23
Understanding the Display Screen 26
Your Phone's Modes 28
Section 3: Call Functions 33
Making a Call 34
Answering a Call 40
Calls 44
Section 4: Menu Navigation 53
Menu Navigation 54
Menu Shortcuts 54
Navigation Key Shortcuts 55
Navigate Using a Shortcut 55
Menu Outline 56
Section 5: Entering Text 63
Changing the Text Entry Mode 64
Using T9® Mode 65
Using Abc Mode 66
Entering Numbers 67
Entering Symbols 68

Section 6: Understanding Your Contacts 69

Contacts 70
Finding a Contacts Entry 71
Adding a New Contacts Entry 74
Editing a Contacts Entry 76
Saving a Number After a Call 81
Speed Dial 83
Contacts Groups 86
Deleting a Contacts Entry 90
Memory Info 91

Section 7: @metro 93

Accessing @metro (Mobile Shop) 94

Section 8: Messaging 99

Types of Messages 100
Create and Send Text Messages 100
Receive Text Messages 101
Send Picture Messages in Camera Mode 102
Send Picture Messages in Standby Mode 105
Receive Picture Messages 108
Handwritten Picture Messages 110
Postcard Messages 111
Message Boxes 112
Erase Messages 121
Message Settings 122

Section 9: MetroWEB 127

MetroWEB 128
Launching MetroWEB 128
Using MetroWEB 129
Using Links 129
How MetroWEB Keys Work 130

Section 10: Voice SVC 131
- Voice SVC Options 132
- Voice Commands 132
- Voice Settings 134

Section 11: Multimedia 141
- Camera 142
- Using My Images Gallery 151
- Using My Ringtones Gallery 153
- Using My Sounds Gallery 153

Section 12: Tools 157
- Bluetooth 158
- Calendar 161
- Memo Pad 164
- Alarm Clock 166
- World Time 168
- Calculator 169
- Stop Watch 170
- Converter 171
- Tip Calculator 174

Section 13: Settings 177
- Location Setting 178
- Display Settings 178
- Sound Settings 185
- Call Settings 189
- Phone Settings 194
- Memory Info 205
- Phone Info 205

Section 14: Health and Safety Information ... 207
- Health and Safety Information 208
- UL Certified Travel Adapter 210
- Consumer Information on Wireless Phones 211

Road Safety 220
Operating Environment 223
Using Your Phone Near Other Electronic Devices 223
Potentially Explosive Environments 226
Emergency Calls 227
FCC Notice and Cautions 228
Other Important Safety Information 229
Product Performance 230
Availability of Various Features/Ring Tones 231
Battery Standby and Talk Time 232
Battery Precautions 232
Samsung Mobile Products and Recycling 234
Care and Maintenance 234

Section 15: Warranty Information 237

Standard Limited Warranty 238

Index 245

Section 1: Getting Started

Topics Covered

- Understanding this User Manual
- Charging the Battery
- Activating Your Phone
- Setting Up Your Voicemail

This section explains how to start using your SCH-a870 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 245.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 207.

Notes and tips

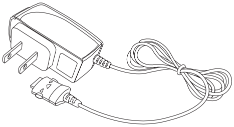
Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter



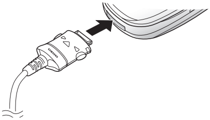
The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.

1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Important: For connection to an electrical supply not located in the U.S., you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

---

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of your phone.



Important: You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator (🔋) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Three bars (🔋) indicate a full charge.
- An empty battery icon (▭) indicates a near empty battery.
- A blinking empty battery icon (▭) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

  If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

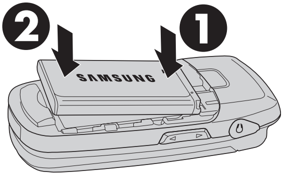
Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Install the Battery

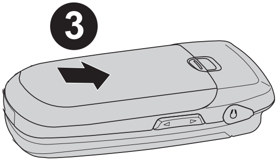
Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. You can use your phone while the battery is charging.

1. Insert the top end of the battery first, matching the gold contacts on the inside of the battery to those on the phone.



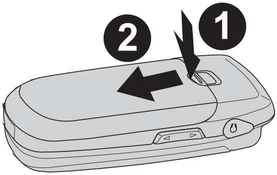
2. Press lightly on the bottom end of the battery down into the phone until it slips into place.



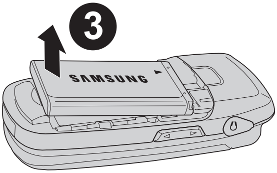
3. Place the battery cover over the battery and slide the battery cover into place.

Remove the Battery

1. Press and hold the END key to turn off the phone (if on).
2. Press down on the battery cover release latch (1) and slide the cover (2) toward the bottom end of the phone.

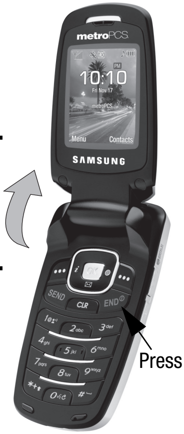


3. Lift the battery (3) up and away from the phone, bottom end first.



Turn Your Phone On

1. Open the folder on your phone, as shown.
2. Press the END key.



Press

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date, and day appear in the bottom of the display.
5. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon (⊘) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

- Press and hold the END key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press END for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the **Voicemail** folder (under the **Message** menu) to view details of voice messages in your Voicemail box.

---

1. In idle mode, press and hold the 1@ key or dial your own mobile number to dial Voicemail.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In idle mode, press and hold the 1@ key or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.
2. You are prompted to enter your password.

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Closed View of Your Phone
- Open View of Your Phone
- Command Keys
- Understanding the Display Screen
- Your Phone’s Modes

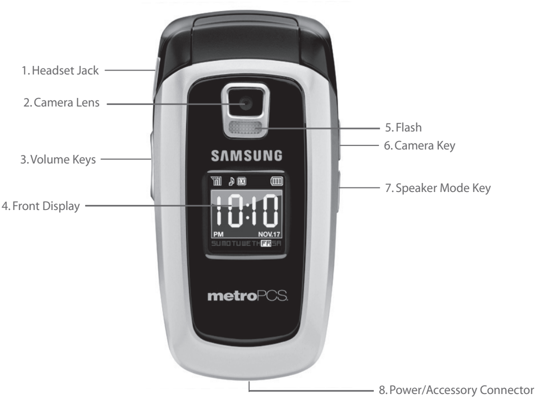
This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology
- Global Positioning (GPS) Technology
- PIM Functions
- MMS Messaging
- Text Messaging
- Handwritten Messaging
- E-mail Messaging
- Built-in Digital Camera
- Voice Dial
- Speakerphone

** The SCH-a870 supports the wireless handsfree profile, serial port profile, and dial-up networking profile for Bluetooth® wireless technology. The SCH-a870 does not support Bluetooth OBEX profiles.

Closed View of Your Phone

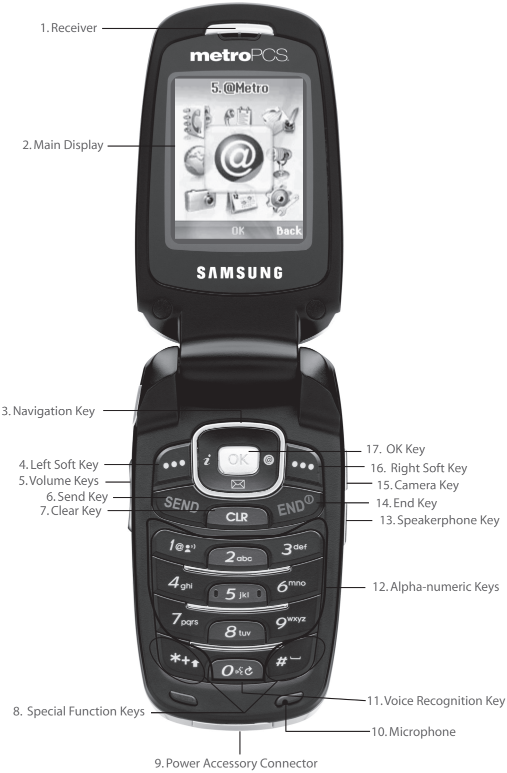

1. Headset Jack
2. Camera Lens
3. Volume Keys
4. Front Display
5. Flash
6. Camera Key
7. Speaker Mode Key
8. Power/Accessory Connector
SAMSUNG
metroPCS
10:10
PM
NOV.17
SUMOTUWETHFRSA

Features

1. **Headset Jack** — Lets you plug in an optional headset for safe, convenient, hands-free conversations.
2. **Camera Lens** — The lens of your built-in camera.
3. **Volume Key** — Lets you adjust the master volume in standby mode (with the folder open) or adjust the voice volume during a call. To mute the ringer during an incoming call, press the volume key up or down.
4. **Front Display** — Shows time, date, and phone status icons.
5. **Flash** — Lets you take pictures in low light.
6. **Camera Key** — Launches the Camera feature of your phone.

7. **Speaker Mode Key** — Enables and disables speaker phone mode.
8. **Power/Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone.

Open View of Your Phone


1. Receiver
2. Main Display
3. Navigation Key
4. Left Soft Key
5. Volume Keys
6. Send Key
7. Clear Key
8. Special Function Keys
9. Power Accessory Connector
10. Microphone
11. Voice Recognition Key
12. Alpha-numeric Keys
13. Speakerphone Key
14. End Key
15. Camera Key
16. Right Soft Key
17. OK Key
metroPCS
5. @Metro
OK
Back
SAMSUNG

Features

1. **Receiver** — Lets you hear the other caller.

2. **Main Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators, signal strength, and so on.
3. **Navigation Key** — In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.
4. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
5. **Volume Keys** — In Idle mode, lets you adjust the ringer volume or lets you select a vibrate mode. During a call, lets you adjust the Receiver volume.
6. **Send Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.
7. **Clear Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
8. **Special Function Keys** — Enter special characters. Performs various functions.
9. **Power/Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone.
10. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
11. **Voice Recognition Key** — In Idle mode, pressing and holding this key launches VoiceSignal options.

12. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.
13. **Speakerphone Key** — Enables and disables speakerphone mode.
14. **End Key** — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
15. **Camera Key** — Lets you launch the camera and take pictures.
16. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.
17. **OK Key** — Pressing when navigating through a menu accepts the highlighted choice in a menu.

Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key … and the right soft key ….

Left Soft Key

Some functions of the left soft key are as follows.

- In standby mode, press the **Menu** (left) soft key (…) to open the main menu.
- When the left soft key function is Edit, press the **Edit** (left) soft key (…) to edit a Contact.

Right Soft Key

Some functions of the right soft key are as follows.

- In standby mode, press the **Contacts** (right) soft key (...) to open the Contacts list.
- When the right soft key function is Options, press the **Options** (right) soft key (...) and a pop-up menu appears.
- When the right soft key function is Back, press the **Back** (right) soft key (...) to back up one menu level.

OK Key

- In a menu, press the **OK** key (OK) to accept the highlighted selection.
- In camera mode, press the **OK** key (OK) to take a photo or to create a Pic. message.
- When the **OK** key function is Edit, press the **Edit** (OK) key (OK) to edit a Draft message.

Clear Key

The **CLR** key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use the CLR key to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
2. To erase the entire sentence, press and hold CLR.
3. To back up one menu level, briefly press CLR.
4. To return to standby mode, press and hold CLR until you return to standby mode.

End Key

1. Press and hold the **End** key END to turn on your phone.
2. Briefly press END once to disconnect a call.
3. Press END to return to standby mode from any menu, or to cancel the last input.

Send Key

The **Send** key SEND is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press SEND once to answer calls.
2. Enter a number and briefly press SEND to make a call.
3. Briefly press SEND in standby mode to display a list of recent calls to and from your phone.
4. Press SEND twice in standby mode to call the most recent number.
5. Press SEND to pick up a waiting call. Press SEND again to switch back to the other call.

Navigation Key

Use the directional keys on the navigation key OK to browse menus, sub-menus, and lists. Each key also acts as a shortcut to launch applications.

Speakerphone Key

Use the speakerphone key (☎) — located on the right side of your phone — to switch from using the earpiece to the speakerphone before or during a call. Use the volume keys — located on the left side of your phone

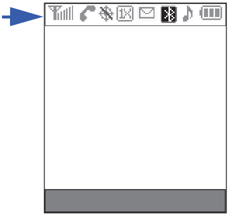
— to adjust the volume. Press the speakerphone key to enable and disable the speakerphone option.

Camera Keys

Use the camera key ( ) — located on the right side of your phone — to activate the camera built into your phone and to take pictures.

Understanding the Display Screen

The top line of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more. The following list contains icons that may appear in your display.



Display Screen Icons

Your SCH-a870 phone can show you definitions of the icons that appear on the top lines of the front and main displays. To access the Icon Glossary:

- In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 7pqrs (for **Phone Info**), and 2abc for **Icon Glossary**. A list shows of the icons that can appear on the top line of the displays.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

- **Choice**
    - Example: “Save to draft?”
- **Reconfirm**
    - Example: “Erase all inbox msgs?”
- **Performing**
    - Example: “Sending...” “Connecting...”
- **Completed**
    - Example: “Message Saved”
- **Information**
    - Example: “New Message”
- **Error**
    - Example: “System Error!”
- **Warning**
    - Example: “Battery Low,” “Memory Full!”

Backlights

Backlights illuminate the internal and external displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlights dim and turn off after 10 seconds to conserve battery power, regardless of the Backlight setting.

See “Backlight” on page 184 for more information.

External Display

Your phone has an external display on the outside of the folder. When you close the phone, the external display shows a digital clock.

Icons that appear in the external display indicate the following:

- Incoming calls and messages
- Alarms and alerts
- Battery charge level
- Signal strength

Your Phone's Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 2abc for **Call Answer**. The following call answer options appear in the display:
   - **Any Key** — Pressing any key except the END key or ▯ key answers a call.
   - **Send Only** — Only pressing SEND answers a call.
   - **Flip Open** — Opening the phone's flip or pressing SEND answers a call.
2. Use the navigation keys to highlight an option.
3. Press the OK key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the **Abc** (left) soft key (...), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Abc**, **ABC**, **Symbol**, and **123**. (See “Section 5: Entering Text” on page 63 for more information.)

Tip: You can also cycle between **T9 Word**, **Abc**, and **123** by repeatedly pressing and holding the *+⇧ key until the phone beeps.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (See “Change Lock” on page 197 for more information.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press END after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press SEND to place a call.
2. Press END to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following call message options appear:

- **View Now** — This selection allows you to view the messages now.
- **View Later** — This selection allows you to view the messages at a later date.

1. Highlight the desired viewing option and then press **OK**.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **Options** (right) soft key (...) to display a list of menu options. See “In-Use Menu” on page 43 for more information.

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

- In standby mode, press and hold #. **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.
- While in Silent mode and standby mode, press and hold #. **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

- In standby mode, repeatedly press the volume key () down until **Vibrate** appears in the display.

  The volume key is on the upper left side of phone, near the left soft key (...).

Adjust the Ringer

1. In standby mode, press the volume key () on the left side of the phone up or down. Options are:
   - Ringer Off
   - Vibrate
   - Low
   - Low/Medium
   - Medium
   - Medium/High
   - High
   - Vibrate/High
2. When you are satisfied with the setting, press the OK key. Your phone returns to standby mode.

Tip: You can also enter the **Volume** sub-menu by pressing the **Menu** (left) soft key (...), then pressing the 9wxyz, 3def, 1@, and 1@ keys. Use the Volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon () appears in the display when the phone is in **Vibrate** mode. The Vibrate/Ring icon () appears in the display when the phone is in **Vibrate/High** mode.

Camera Mode

Camera mode lets you activate your phone’s camera to take pictures. In Camera mode, you can also adjust the resolution and appearance of your pictures.

See “Section 11: Multimedia” on page 141 for more information.

- **Entering Camera Mode** — In standby mode, press the **Camera** key (📷) on the upper right side of your phone.
- **Exiting Camera Mode** — Press the END key.

Section 3: Call Functions

Topics Covered

- Making a Call
- Answering a Call
- Calls

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.
2. Press SEND to place the call.

Emergency Calls

When you call an Emergency Number, such as 911, your SCH-a870 phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

1. With the phone on, enter the Emergency Number you wish to call using the keypad.

Note: You can define up to 3 emergency numbers in your phone. (See "Emergency #" on page 198 for more information.)

2. Press SEND to place the call.

Tip: If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press SEND. (See "Airplane Mode" on page 194 for more information.)

Three-way Calling

Call two other numbers and connect them to your call using three-way calling.

1. In standby mode, enter the number for the first party in your call, then press SEND.
2. When connected, ask the other party to remain on the line. Press SEND to place them on hold.

3. Enter the second party's phone number and press SEND.
4. When the second party answers, press SEND to connect all three parties.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In standby mode, enter the number you wish to call.
2. Press the **Options** (right) soft key (…). The following pause options appear in the display:
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.
   - **Wait** — A hard pause (waits for input from you).
3. Use the navigation keys to highlight the desired pause.
4. Press the OK key to enter the highlighted pause into the number sequence.
5. Press SEND to call the number.

Tip: Press the **Save** (left) soft key (…) to store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

1-Touch Dialing

Use 1-touch dialing to speed dial Contacts from 001 (Voicemail) through 009.

- In standby mode, press and hold the number key representing the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 005, press and hold the 5 jkl key.

2-Touch Dialing

Use 2-touch dialing to speed dial Contacts from 010 through 099.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.
2. Press and hold the number key representing the second digit of the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 035, press 3 def then press and hold the 5 jkl key.

3-Touch Dialing

Use 3-touch dialing to speed dial Contacts from 100 through 999.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.
2. Press the number key representing the second digit of the desired Contact's Location number.
3. Press and hold the number key representing the third digit of the desired Contact's Location number.

Example: To speed dial the Contacts entry assigned to Location 325, press 3 def, press 2 abc, then press and hold the 5 jkl key.

Voice Dialing

The voice recognition capabilities of your SCH-a870 are exceptional due to advanced, speaker-independent technology. This means you do not need to “train” your phone to understand your voice. You can use your voice *in a natural manner* to dial numbers.

Note: End Calls Before relaunching the VoiceSignal voice recognition software — When you use Voice Dialing to make a call, you must end that call before you can use other Voice Commands. See “Section 10: Voice SVC” on page 131 for more information.

Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use **Call** to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold the 0 key.

   “**Say a Command**” appears in the display and is pronounced through the earpiece.
2. Say, “**Call**”.

   You are prompted to “**Say the name or number**”.

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with “**Did you say?**” followed by the first name on the list.

4. Say “**Yes**” to confirm the name or “**No**” to hear the next name, or use the keypad to select the correct name from the list. (See “Choice Lists” on page 134, for more information.)

   - Press the **Repeat** (right) soft key (...) to say the name again.
   - Press the **Settings** (left) soft key (...), then press the **Exit** right soft key (...) to exit VoiceSignal without dialing.

   If the recognized name has multiple numbers stored for it (that is, Mobile, Work, Home, and so on), Voice Dial displays the possible choices and prompts you with “**Which number?**”

5. Say one of the following number types:

   - “**Home**”
   - “**Work**”
   - “**Mobile 1**”
   - “**Mobile 2**”

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press and hold the 0 key.

"**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Call**".

   VoiceSignal prompts you to "**Say the name or number**."

3. Speak clearly and say the telephone number of the person you want to call.
   For example, say "7 8 1 9 7 0 5 2 0 0."

   If it recognizes the number, Voice Dial repeats it and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (See "Choice Lists" on page 134, for more information.)

   - Press the **Repeat** (right) soft key (...) to say the name again.
   - Press the **Settings** (left) soft key (...), then press the **Exit** right soft key (...) to exit VoiceSignal without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains 2-Sec Pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Incoming

When you receive a call, the phone displays one of the following:

- If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.
- If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

Tip: Assign pictures to Contacts entries. The entry's assigned picture appears in the display when you receive a call from that entry. See "Assigning a Picture to a Contacts Entry" on page 78.

The phone continues to notify you of the call until one of the following events occur:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Call Notification Features

Your phone notifies you of a call in a variety of ways.

- Eight ring volume settings: Ringer Off, Vibrate, Low, Low/Medium, Medium, Medium/High, High, or Vibrate/High.
- Different ring types or melodies to distinguish callers.
- Name display with caller ID. (If the caller's name is programmed into your Contacts).
- Information about the last 90 each of incoming, missed, and outgoing calls are automatically stored to a call log.

Set Call Ringer Volume

1. In standby mode, press the volume key on the left side of

the phone.

2. Press the volume key up or down to set the call ringer volume as desired.

Adjust the Ringer

1. In standby mode, press the volume key ( ) on the left side of the phone up or down. Options are:

- Ringer Off
- Vibrate
- Low
- Low/Medium
- Medium
- Medium/High
- High
- Vibrate/High

2. Press OK once you're satisfied with the setting. The phone returns to standby mode.

Tip: You can also enter the **Volume** sub-menu by pressing the **Menu** (left) soft key (...), then pressing the 9wxyz, 3def, 1@, and 1@ keys. Use the Volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon ( ) appears in the display when the phone is in **Vibrate** mode. The Vibrate/Ring icon ( ) appears in the display when the phone is in **Vibrate/High** mode.

Call Answer

Select from three methods for answering calls. This option can be changed in the **Settings** menu.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 2abc for **Call Answer**. The following options appear in the display:
   - **Any Key** — Pressing any key except END or   answers a call.
   - **Send Only** — Only pressing SEND answers a call.

- **Flip Open** — Opening the phone's flip or pressing SEND answers a call.

2. Use the navigation keys to highlight the **Call Answer** option of your choice.
3. Press OK to activate the method for answering calls.

Call Waiting

If you're on a call, your phone beeps when another call is incoming. Contact your Wireless Carrier for availability.

1. Press SEND to connect and ask the calling party to remain on the line.
2. Press SEND and the second caller is placed on hold and you're returned to the original caller.
3. Press SEND to alternate between calls.

Caller ID

Caller ID lets you identify who is calling you by displaying a caller's number. If the caller's name and number are stored in Contacts, the caller's name also appears. If you've assigned a picture to the entry, it appears in the display as well.

Call Block

You can prevent your number from displaying on another phone's caller ID screen by enabling **Call Block**.

1. In standby mode, enter *, 6mno, 7pqrs.
2. Enter the number you wish to call, then press SEND.

Silence an Incoming Ring

During an incoming call, any of the following keys can be pressed to silence the ringer:

- The up or down volume key () on the left side of the phone.

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

- During an incoming call, press the **Ignore** (right) soft key (…). The incoming call is forwarded to Voicemail.

In-Use Menu

You can access a number of menus and features even while in a call.

1. While in a call, press the **Mute/Unmute** (left) soft key (…) to disable/enable the microphone.
2. While in a call, press the **Options** (right) soft key (…). The following options appear in the display:
    - **Message** — Display the Messages menu.
    - **Contacts** — Display the Contacts menu.
    - **Recent Calls** — View your recent calls log.
    - **Send DTMF** — Send your phone number as DTMF tones to the other person on the call.
    - **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection. For this option to work correctly, you must have the Enhanced privacy option enabled in the Security settings. (This option is enabled by default.)
    - **Location** — Turn your GPS location on or set GPS location for emergency calls only.
3. Within the above menu list, do one of the following:

- Use the navigation key to highlight a menu or feature. Press the OK key to open the highlighted menu or to activate the highlighted feature.
- Press the **Cancel** (right) soft key (…) to exit the menu.

Calls

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls. The **Calls** menu lets you access this information for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

Tip: To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press the SEND key in standby mode. The All Calls screen listing to 270 of your most recent calls appears in the display.

Outgoing Calls

The last 90 outgoing calls are stored in the Outgoing calls log. Review the Outgoing calls log for the time and date of a call, as well as other information.

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Calls**) and 1@ for **Outgoing Calls**. A list of your outgoing calls appears in the display.
2. Use the Up and Down navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (…). The following options appear in the display:
   - **Save** — Save the number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the recipient of this call.

   - **Erase** — Erase the selected call from your Outgoing call list.
   - **Lock/Unlock** — Blocks/permits erasure of the selected call from your Outgoing call list.
   - **Erase all** — Erase all unlocked calls from your Outgoing call list.
   - **View Timers** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See “Call Timer” on page 48 for more information.)

4. Use the Up and Down navigation keys to highlight an option.
5. Press OK to perform the highlighted option’s function.

Incoming Calls

The last 90 Incoming calls are stored in your phone’s Incoming call log. You can review the Incoming call log for time and date of the call, as well as other information.

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Calls**) and 2abc for **Incoming Calls**. A list of your Incoming calls appears in the display.
2. Use the Up and Down navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (…) to display a pop-up menu containing the following options:
   - **Save** — Save the number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
   - **Erase** — Erase the selected call from your Incoming call list.
   - **Lock/Unlock** — Blocks/permits erasure of the selected call from your Incoming call list.

    - **Erase all** — Erase all unlocked calls from your Incoming call list.
    - **View Timers** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See “Call Timer” on page 48 for more information.)

4. Use the Up and Down navigation keys to highlight an option.
5. Press OK to perform the highlighted option’s function.

Missed Calls

The last 90 missed calls (calls not picked up) are stored in the Missed call log. Review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Calls**) and 3def for **Missed Calls**. A list of your missed calls appears in the display.
2. Use the Up and Down navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (…) to display a pop-up menu that contains the following options:
    - **Save** — Save the number to your Contacts.
    - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
    - **Erase** — Erase the selected call from your Missed call list.
    - **Lock/Unlock** — Blocks/permits erasure of the selected call from your Missed call list.
    - **Erase all** — Erase all unlocked calls from your Missed call list.
    - **View Timers** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See “Call Timer” on page 48 for more information.)

4. Use the Up and Down navigation keys to highlight an option.
5. Press OK to perform the highlighted option’s function.

Erase Logs

You can erase Outgoing, Incoming, Missed, or All Calls.

Erase All Calls

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Calls**) and 4ghi for **All Calls**. The **All Calls** list appears in the display with the first call in the list highlighted.
2. Press the **Options** (right) soft key (…) to display a pop-up menu that contains the following options:
   - **Save** — Save the number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
   - **Erase** — Erase the selected call from your All Calls list.
   - **Lock/Unlock** — Blocks/permits erasure of the selected call from your All Calls list.
   - **Erase all** — Erase all unlocked calls from your All Calls list.
   - **View Timers** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See “Call Timer” on page 48 for more information.)
3. Use the Up and Down navigation keys to highlight **Erase all**, then press the OK key.
4. **Erase all entries?**” appears in the display as well as the options **Yes** and **No**.
5. To Erase all calls, press the **Yes** (left) soft key (…).

   To keep the calls, press the **No** (right) soft key (…).

Call Timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature. Call timer is not for billing purposes.

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Calls**) and 5jkl for **Call Timer**. The following options appear in the display:
   - **Last Call** — Shows the duration of your last call.
   - **Outgoing Calls** — Shows the number and total duration of all calls originated by your phone since the last reset.
   - **Incoming Calls** — Shows the number and total duration of all calls made to your phone since the last reset.
   - **Roaming Calls** — Shows the number and total duration of all calls originated by and made to your phone while roaming and since the last reset.
   - **All Calls** — Shows the number and total duration of all calls originated by and made to your phone since the last erasure.
   - **Last Reset** — Shows date and time all call timers were last reset.
   - **Lifetime Calls** — Shows the duration of all calls on your phone since activation (Lifetime timers cannot be reset).
2. Use the Up and Down navigation keys to highlight a particular timer.
3. Press the **Reset** (left) soft key (…) to reset the highlighted timer.

   Press the **Reset All** (right) soft key (…) to reset all of the timers except **Lifetime Calls**.
4. Press OK to exit the **Call Timer** screen.

Note: Although Total call timers can be erased, LifeTime call timers can never be erased.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Calls**) and 6 mno for **Data Counter**. The following options appear in the display:
   - **Transmit** — Shows the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   - **Received** — Shows the amount of data (in kilobytes) that your phone has received since last being reset.
   - **Total** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   - **Last Reset** — Shows date and time all data counters were last reset.
   - **Lifetime Data Counter** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since being activated.
2. To reset a timer other than Lifetime Data Counter, use the navigation keys to highlight the timer you want to reset and press the **Reset** (left) soft key (…).
3. To reset all timers except Lifetime Data Counter, press the **Reset All** (right) soft key (…).
4. Press OK to exit the **Data Counter** screen.

Note: Although other data counters can be reset, only the Lifetime Data Counter can never be reset.

Store Numbers from Call Logs

Store numbers from your **Outgoing**, **Incoming**, **Missed**, and **All** calls logs to Contacts.

Tip: In standby mode, briefly press SEND to display the **Recent Calls** list. You can then select any call in the list to save to **Contacts**.

1. In standby mode, press the **Menu** (left) soft key (...), then press 2abc for **Calls**.
2. Press the corresponding number on the keypad to view call logs for the following call types.
   - 1@ for **Outgoing Calls**
   - 2abc for **Incoming Calls**
   - 3def for **Missed Calls**
   - 4ghi for **All Calls**
3. Use the Up and Down navigation keys to highlight the number you wish to store in Contacts and press OK.
4. Press the **Options** (right) soft key (...), then use the Up and Down navigation keys to highlight **Save**.
5. Select **Create New** to add the number as a Contacts entry, or select **Update Existing** to find a Contact with which to associate the new number.
6. Follow the prompts to store the number to Contacts.

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
- Menu Shortcuts
- Navigation Key Shortcuts
- Navigate Using a Shortcut
- Menu Outline

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

Menu Navigation

Access the menus and sub-menus in your phone using the navigation key (OK) and soft keys (… …), or use a shortcut.

1. In standby mode press the **Menu** (left) soft key (…). The first of several menus appear in the display.

Note: More than one menu may appear in your display. This setting can be modified in the **Display/Menu Style** menu. (See “Section 13: Settings” on page 177 for more information.)

---

2. Use the navigation key to browse through the menus.
3. Press OK to enter the menu or sub-menu that appears in the display.
4. Press the **Back** (right) soft key (…) to return to the previous menu.

Return to the Previous Menu

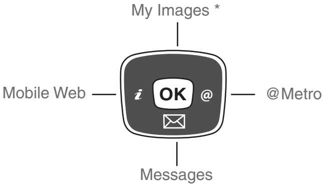
- Press the **Back** (right) soft key (…) to return to a previous menu.
- When **Back** does not appear in the display, press CLR to return to the previous menu.

Menu Shortcuts

Use shortcuts to quickly access menus and sub-menus. Press the **Menu** (left) soft key (…), then press the number to the left of the menu to jump to the desired menu, sub-menu, or feature. For example, to jump to the Outbox sub-menu, press the **Menu** (left) soft key (…), then press 3 def (for **Messages**) and 3 def for **Outbox**.

Navigation Key Shortcuts

In standby mode, press a navigation key to launch the key's corresponding application.



* My Images can be customized. Press the **Menu** key (…), then press 9 wxyz, 5 jkl, 2 abc.

Navigate Using a Shortcut

You can also access menus and sub-menus using menu numbers. Enter the menu number after pressing the **Menu** (left) soft key (…) to go directly to the menu or sub-menu of your choice. Before you can navigate using a shortcut, you'll need the menu or sub-menu number that you wish to access.

Tip: Use the list of menus and sub-menus, which begins on page 56, to navigate using shortcuts.

---

1. In standby mode, press the **Menu** (left) soft key (…).
2. Press the number of the menu, sub-menu, and so on for the feature that you wish to access.

Example: Press the **Menu** (left) soft key (…), then press 8 tuv, 2 abc. This takes you to the **Tools** (Menu 8), and then to the **Calendar** (sub-menu 2).

Menu Outline

1 Contacts

- 1.1 Find
- 1.2 Add New Entry
- 1.3 Speed Dial
- 1.4 Group
  - 1.4.1 No Group
  - 1.4.2 Business
  - 1.4.3 Colleague
  - 1.4.4 Family
  - 1.4.5 Friends
- 1.5 Memory Info

2 Calls

- 2.1 Outgoing Calls
- 2.2 Incoming Calls
- 2.3 Missed Calls
- 2.4 All Calls
- 2.5 Call Timer
- 2.6 Data Counter

3 Messages

- 3.1 Send Message
  - 3.1.1 Text Message
  - 3.1.2 Picture Message

- 3.1.3 Handwritten Message
- 3.1.4 Postcard

3.2 Inbox

3.3 Outbox

3.4 Drafts

3.5 Voicemail

3.6 Erase Messages
- 3.6.1 Inbox
- 3.6.2 Outbox
- 3.6.3 Drafts
- 3.6.4 All Messages

3.7 Msg Settings
- 3.7.1 General
  - 3.7.1.1 Auto Save
  - 3.7.1.2 Auto Erase
  - 3.7.1.3 Quick Text
  - 3.7.1.4 Voicemail #
  - 3.7.1.5 Entry Mode
  - 3.7.1.6 Callback #
  - 3.7.1.7 Signature
  - 3.7.1.8 Reminder
- 3.7.2 Text Message
  - 3.7.2.1 Auto View
  - 3.7.2.2 Signature
  - 3.7.2.3 Auto Scroll
- 3.7.3 Picture Message
  - 3.7.3.1 Auto Receive
  - 3.7.3.2 Signature

4 MetroWEB

- 4.1 Get In Web

5 @metro

- 5.1 @metro

6 Voice SVC

- 6.1 Voice Commands
- 6.2 Voice Settings
  - 6.2.1 Choice Lists
  - 6.2.2 Sensitivity
  - 6.2.3 Digit Dialing
  - 6.2.4 Sound
  - 6.2.5 Voice Launch
  - 6.2.6 About

7 Multimedia

- 7.1 Camera
- 7.2 My Images
- 7.3 My Ringtones
- 7.4 My Sounds

8 Tools

- 8.1 Bluetooth
  - 8.1.1 Add New Device
  - 8.1.2 Registered List
  - 8.1.3 Bluetooth Settings

- 8.1.3.1 Enable
- 8.1.3.2 Discovery Mode
- 8.1.3.3 Device Name
- 8.1.3.4 Device Info

8.2 Calendar

8.3 Memo Pad

8.4 Alarm Clock

- 8.4.1 Alarm 1
- 8.4.2 Alarm 2
- 8.4.3 Alarm 3

8.5 World Time

8.6 Calculator

8.7 Stop Watch

8.8 Converter

- 8.8.1 Currency
- 8.8.2 Length
- 8.8.3 Weight
- 8.8.4 Volume
- 8.8.5 Area
- 8.8.6 Temperature

8.9 Tip Calculator

9 Settings

9.1 Location

9.2 Display Settings

- 9.2.1 Menu Style
- 9.2.2 Wallpaper

        - 9.2.2.1 Main Display
            - 9.2.2.1.1 My Images
            - 9.2.2.1.2 Preset Images
        - 9.2.2.2 Front Display
            - 9.2.2.2.1 My Images
            - 9.2.2.2.2 Preset Images
    - 9.2.3 Clock Format
        - 9.2.3.1 Main Clock
        - 9.2.3.2 Front Clock
    - 9.2.4 Theme
    - 9.2.5 Dialing Font
        - 9.2.5.1 Style
        - 9.2.5.2 Size
    - 9.2.6 Banner
        - 9.2.6.1 Personal
        - 9.2.6.2 ERI Banner
    - 9.2.7 Backlight
        - 9.2.7.1 Main Display
        - 9.2.7.2 Keypad
        - 9.2.7.3 Brightness
    - 9.2.8 Contrast
- 9.3 Sound Settings
    - 9.3.1 Volume
        - 9.3.1.1 Voice Calls
        - 9.3.1.2 Messages
        - 9.3.1.3 Alarms
    - 9.3.2 Ringer Type
        - 9.3.2.1 Voice Calls
            - 9.3.2.1.1 My Ringtones
            - 9.3.2.1.2 My Sounds
        - 9.3.2.2 Messages
            - 9.3.2.2.1 Text Message

- 9.3.2.2.2 Picture Message
- 9.3.2.2.3 Voicemail

- 9.3.2.3 Roam Ringer
  - 9.3.2.3.1 My Ringtones
  - 9.3.2.3.2 My Sounds
- 9.3.3 Alerts
  - 9.3.3.1 Minute Beep
  - 9.3.3.2 Roaming
  - 9.3.3.3 Call Connect
  - 9.3.3.4 Power On/Off
- 9.3.4 Key Tone
  - 9.3.4.1 Tone Level
  - 9.3.4.2 Tone Length
- 9.3.5 Dynamic Vibration

9.4 Call Settings

- 9.4.1 Restriction
- 9.4.2 Call Answer
- 9.4.3 Auto Answer
- 9.4.4 Auto Retry
- 9.4.5 TTY Mode
- 9.4.6 Voice Privacy
- 9.4.7 Data Settings

9.5 Phone Settings

- 9.5.1 Airplane Mode
- 9.5.2 Shortcut Key
- 9.5.3 Language
- 9.5.4 Security
  - 9.5.4.1 Lock Phone
  - 9.5.4.2 Change Lock
  - 9.5.4.3 Emergency #
  - 9.5.4.4 Reset Phone

- 9.5.5 NAM Selection
- 9.5.6 System Select
- 9.5.7 Set Time
- 9.5.8 Quick Search
- 9.5.9 PC Connection

9.6 Memory Info

9.7 Phone Info

- 9.7.1 Phone Number
- 9.7.2 Icon Glossary
- 9.7.3 Version

Section 5: Entering Text

Topics Covered

- Changing the Text Entry Mode
- Using T9® Mode
- Using Abc Mode
- Entering Numbers
- Entering Symbols

This section outlines how to select the desired text entry mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes you must make when entering text.

Changing the Text Entry Mode

Text messages can be made up of alphabetical characters, numbers, and symbols. You can use the following text entry modes to simplify text entry:

- **T9 Word** — Press each key only once to enter the letter of the word that you're spelling. T9 WORD mode letter options are:
  - **T9 Word** — Enter initial capital letters
  - **T9 WORD** — Enter all upper case letters
  - **T9 word** — Enter all lower case letters
- **Abc** — Enter letters, numbers, and symbols by repeatedly pressing each key until the desired character (as shown on the key) appears in the display. ABC mode letter options are:
  - **Abc** — Enter initial capital letters
  - **ABC** — Enter all upper case letters
  - **abc** — Enter all lower case letters
- **123** — Enter numbers by pressing the corresponding key on the keypad.
- **Symbols** — Enter symbols into your message by pressing the number above the symbol in the **Symbols** pop-up window.

The current text entry mode (**T9 Word**, **Abc**, **ABC**, **123**, or **Symbols**) is indicated in the lower part of a text entry screen. To change the text entry mode, do the following:

1. While composing a text message, press the **Abc** (left) soft key ( ). The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**

- **123**
- **Symbols**

2. Use the Up and Down navigation keys to highlight the desired text entry mode, then press OK.

Using T9® Mode

T9 Word recognizes commonly used words for the numeric sequence of key presses and inserts the word into your message. T9 Word is much faster than the traditional method of text entry (**Abc**) and *requires only one key press per letter* of the word that you're spelling.

1. In standby mode, press the **Menu** (left) soft key (...), then press 3 def (for **Messages**), 1@ (for **Send Message**), and 1@ for **Text Message**.
2. Enter the phone number of the recipient, then press OK.
3. Press the **Abc** (left) soft key (...). The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
4. **Abc** is highlighted.
5. Use the Up and Down navigation keys to highlight **T9Word**, then press OK.

- For practice, enter the word “Samsung” by pressing each of the following keys *only once*:

7pqrs	2abc	6mno	7pqrs	8tuv	6mno	4ghi
S	A	M	S	U	N	G

T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is “Samsung.” If more than one word shares the same numeric sequence, T9 Word provides the most commonly used word. Press 0 to display other words, if available.

Using Abc Mode

1. In standby mode, press the **Menu** (left) soft key (…), then press 3def (for **Messages**), 1@ (for **Send Message**), and 1@ for **Text Message**.
2. Enter the phone number of the recipient, then press OK.
3. Press the left soft key (…). The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
4. The current text entry mode is highlighted. Use the navigation keys to highlight **Abc**, then press OK.
   - Enter characters while in Abc mode by pressing the key labeled with the desired characters (such as, press 4ghi for “G”).

- Press the key repeatedly until the desired character appears in the display (such as, press 4 ghi twice for “H”).
- Pause briefly and the displayed character is accepted and inserted into your message.
- Press # to enter a space.

Entering Numbers

Enter numbers into a text message while in **123** mode.

1. In standby mode, press the **Menu** (left) soft key (…), then press 3 def (for **Messages**), 1@ (for **Send Message**), and 1@ for **Text Message**.
2. Enter the phone number of the recipient, then press OK.
3. Press the left soft key (…). The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
4. The current text entry mode is highlighted. Use the navigation keys to highlight **123**, then press OK.
5. Press the key containing the corresponding number that you wish to insert into your message.

Entering Symbols

Symbol mode enables you to enter symbols such as “@” or “%” into a text message.

1. In standby mode, press the **Menu** (left) soft key (...), then press 3 def (for **Messages**), 1@ (for **Send Message**), and 1@ for **Text Message**.
2. Enter the phone number of the recipient, then press OK.
3. Press the left soft key (...). The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
4. The current text entry mode is highlighted. Use the navigation keys to highlight **Symbols**, then press OK. The first of three symbol screens appear in the display.
5. Use the Left and Right Soft Keys to page through the other symbols, if desired.
6. Press the key that corresponds with the symbol that you wish to enter. For example, press 4 ghi for an exclamation point (!).
7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Section 6: Understanding Your Contacts

Topics Covered

- Contacts
- Finding a Contacts Entry
- Adding a New Contacts Entry
- Editing a Contacts Entry
- Saving a Number After a Call
- Speed Dial
- Contacts Groups
- Deleting a Contacts Entry
- Memory Info

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name.

Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and two e-mail addresses. Each phone number can be up to 32 digits in length, including **2-Sec** or **Wait** pauses (see “Manual Pause Calling” on page 35 for more information), and associated names can be up to 32 characters in length. You can assign the Speed Call numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (See “Restriction” on page 189 for more information).

Tip: Speed Call **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

Open Contacts

1. In standby mode, press the **Menu** key (…), then press 1@ for **Contacts**. The following options appear in the display:
   - **Find** — Find a phone number By Name.

Tip: You can also access the **Find** option from standby mode, by pressing the **Contacts** (right) soft key (…).

   - **Add New Entry** — Add a number or e-mail address to your Contacts.
   - **Speed Dial** — Assign a Contacts entry to a Speed Dial number. (See “Speed Dial” on page 83 for more information.)
   - **Group** — Review, send messages to, add Contacts to, or rename four out of your five groups. (See “Contacts Groups” on page 86 for more information.)

- **Memory Info** — Display used and available memory for Contacts entries.

Tip: To launch the Contacts menu using a voice command — In standby mode, press and hold 0 until the phone prompts, “**Say a command.**” Say “**Go to Contacts**” into the microphone.

---

2. Use the navigation keys to highlight the option of your choice, and press the OK key.

Tip: You can also press the keypad number key that corresponds to the menu option number.

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Lookup** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Lookup** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press and hold the 0 key to launch **VoiceSignal**.

   “**Say a Command**” appears in the display and is pronounced through the speaker.

2. Say “**Lookup**”.

   VoiceSignal prompts you to “**Say the name.**”

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts list.
    - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
    - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.
4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See 'Choice Lists" on page 134, for more information.)
    - To say the name again, press the **Repeat** (right) soft (···) key.
    - To exit VoiceSignal without dialing, press the **Settings** (left) soft (···) key and press the **Exit** (right) soft (···).
5. The contact information for the name you selected appears in the display.
    - Press SEND to dial the number associated with the name.
    - Press the **Erase** (left) soft key (···) to erase this entry from your Contacts list.
    - Press the **EDIT** key (OK) to add or change information for this entry.
    - Press the **Options** (right) soft key (···) and the following options popup in the display:
        - **Send Txt Msg**
        - **Send Pic Msg**
        - **Call**

Soft Key Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

1. In standby mode, press the **Contacts** (right) soft key (…).

   The **Find** screen appears in the display with the **Go To** field highlighted, followed by the first few names in your Contacts list.

Tip: You can also access the **Find** screen from standby mode by pressing the **Menu** (left) soft key (…), then pressing 1@ (for **Contacts**) and 1@ for **Find**.

---

2. Enter a name *as entered in Contacts*. For example, if you saved the name as "Amy Smith", begin the search by pressing 2abc (for "**A**").

   As you enter letters, the names of the closest matches appear in the display.
3. When the desired entry is listed in the display, use the navigation keys to highlight the entry.
   - Press SEND to dial the number associated with the name.
   - Press the **Edit** (left) soft key (…) to add or change information for this entry.
   - Press the OK key to view information about the entry.
   - Press the **Options** (right) soft key (…). The following options appear in the display:
     - **New Contact** — Add a new entry to Contacts.
     - **Erase** — Erase the name and associated information.
     - **Send Txt Msg** — Create and send a text message to the selected Contact.

- **Send Pic Msg** — Create and send a picture message to the selected Contact.
- **Call** — Dial the number associated with the name.

Use the navigation keys to highlight an option, then press the OK key. The highlighted option's sub-menu appears in the display.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. Using the keypad, enter the number you wish to add to your Contacts.
2. Press the **Save** (left) soft key (…). The following options appear in the display:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number you entered to an existing Contacts entry.
3. Use the navigation keys to select **Create New** and press the OK key. The Select Type screen appears in the display showing the following icons:

Mobile

Pager

Home

Work

Fax

4. Use the navigation keys to highlight the type that matches your new entry, then press the OK key.
5. Use the keypad to enter a name to associate with the Contacts entry.
6. Press the OK key to save the entry.

Menu Method

1. In standby mode, press the **Menu** (left) soft key (…), press 1 (for **Contacts**) and 2abc for **Add New Entry**.

   The **Add New Entry** screen appears in the display with the **Name** field highlighted.
2. Enter the name of the new entry using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
3. Use the Up and Down navigation keys to highlight one of the following fields:
   - **Mobile**
   - **Home**
   - **Work**
   - **E-Mail**
   - **Group**
   - **Ringtone**
   - **Pager**
   - **Fax**
4. Enter a phone number in the highlighted field.
5. Repeat steps 3 and 4 as needed.
6. Press the OK key to save the new entry.

Editing a Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. See “Finding a Contacts Entry” on page 71 for more information.
2. Use the navigation keys to highlight the entry and press the OK key. The **View Contact** screen appears in the display showing the highlighted entry’s information.
3. Use the navigation keys to review the information for the entry that you wish to change, then press the **EDIT** key (OK). The **Edit Contact** screen appears in the display.
4. Use the navigation keys to highlight the particular information you want to add or change.
    - Press CLR to backspace and delete numbers or letters.
    - Press and hold CLR to clear all numbers or letters in the highlighted field.
    - Press the **Options** (right) soft key (…). The following options popup in the display:
        - **Set Speed Dial** / **Remove speed dial** — Assign/remove a speed dial number (see “Speed Dial” on page 83 for more information).
        - **Set as default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
        - **Wait** — A hard pause (waits for input from you).
        - **2-Sec Pause** — A 2-second pause after which dialing resumes (see “Add Pauses to Contacts Numbers” on page 77 for more information).

    Use the navigation keys to highlight the desired option, then press the OK key.

5. When you’re finished changing the contents of a field, press the OK key. Your changes are saved and a confirmation message appears in the display.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

- **Wait** — Stops the calling sequence until the phone receives further input.
- **2-Sec Pause** — Stops the calling sequence for two seconds, then sends the remaining digits.

Note: You can enter multiple Waits to extend the length of a pause. For example, two consecutive Waits cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. See “Finding a Contacts Entry” on page 71 for more information.
2. Select and edit the desired number. See “Editing a Contacts Entry” on page 76 for more information.
3. Press the **Options** (right) soft key (…). The following pause options appear in the display:
   - **Wait** — A hard pause (waits for input from you).
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.

4. Use the navigation keys to highlight the pause option of your choice.
5. Press the OK key to enter the highlighted pause into the number sequence.
6. When you're finished entering information, press the OK key to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply recall the number from Contacts.
2. If you stored the number using Wait(s), recall the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press SEND to dial the number.

Edit an Existing E-mail Address

1. Find the Contacts entry you want to edit. See "Finding a Contacts Entry" on page 71 for more information.
2. Use the navigation keys to highlight the desired Contacts entry, then press the **Edit** (left) soft key (…).

   The **Edit Contact** screen appears in the display.
3. Use the navigation keys to highlight the **E-Mail** field.
4. Use the keypad to edit the e-mail address. (See "Section 5: Entering Text" on page 63 for more information.)
5. Press the OK key to save your changes.

Assigning a Picture to a Contacts Entry

When you assign a picture to a Contacts entry, the picture that you assigned to the entry appears in the display when you receive a call from that Contact.

1. Find the Contacts entry you want to edit. See “Finding a Contacts Entry” on page 71 for more information.
2. Use the navigation keys to highlight the desired Contact, then press the **Edit** (left) soft key (...).

   The **Edit Contract** screen appears in the display.
3. Use the navigation keys to highlight the **Picture ID** field (at the top of the **Edit Contact** screen), then press the **Set** (left) soft key (...).

   A photo gallery screen appears in the display, showing a series of thumbnail photos. (See “Using My Images Gallery” on page 151 for more information.)
4. Use the navigation keys to highlight the picture that you wish to assign to the Contacts entry.

   If you cannot find the appropriate picture, press the **Options** (right) soft key (...). The following options appear in the display:

   - **Take New Pic** — Activates the camera to take a picture to use as a Photo ID. (See “Taking Pictures” on page 142 for more information.)
   - **Online Album** — Connects your phone to your online photo album. (Contact metroPCS for availability.)

   Use the navigation keys to highlight the desired option, then press the OK key to invoke the highlighted option. Select and save a picture to the photo gallery.
5. Press the OK key. The Contacts entry screen appears in the display with a thumbnail view of the selected image in the Picture ID field.
6. Press the OK key to save the picture assignment to the selected Contacts entry.

Assigning a Ringtone to a Contacts Entry

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assigned to the entry when you receive a call from that Contact instead of the ringtone currently assigned to Voice Calls.

1. Find the Contacts entry you want to edit. See "Finding a Contacts Entry" on page 71 for more information.
2. Use the navigation keys to highlight the desired Contact, then press the **Edit** (left) soft key (…). The **Edit Contract** screen appears in the display.
3. Use the navigation keys to highlight the **Ringtone** field, then press the **Set** (left) soft key (…). The **Contact Tone** menu showing the following options appears in the display:
   - **My Ringtones**
   - **My Sounds**
4. Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

   The **My Ringtones** or the **My Sounds** file list appears in the display.
5. Use the navigation keys to highlight the ringtone or sound that you wish to assign to the Contacts entry.
6. Press the OK key. The Contacts entry screen appears in the display with the name of the selected file in the **Ringtone** field.
7. Press the OK key to save the ringer assignment to the selected Contacts entry.

Saving a Number After a Call

Once you finish a call, you can store the caller’s number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

---

1. Press SEND to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press the **Save** (right) soft key (…). The following options appear in the display:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number you entered to an existing Contacts entry.
3. Follow the instructions in the upcoming sections depending on whether the number is a new entry or you wish to add it to an existing entry.

Create a New Entry

1. Use the navigation keys to highlight **Create New** and press the OK key. The **Create New** screen appears in the display showing the following number type options:

   Mobile

   Pager

   Home

   Work

   Fax

2. Use the navigation keys to highlight the number type that matches your new entry, then press the OK key.
3. Enter a name for the new entry (see “Section 5: Entering Text” on page 63 for more information).
4. Press the OK key. The new entry is saved to your Contacts list.

Add to an Existing Entry

1. Use the navigation keys to highlight **Update Existing** and press the OK key. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.
2. Find the Contacts entry to which you want to add the new number. See “Finding a Contacts Entry” on page 71 for more information.
3. Press the OK key. The following number type options appear in the display:

   Mobile

   Pager

   Home

   Work

   Fax

   Number types that are already assigned a number show the number instead of the number type label.

4. Use the navigation keys to highlight the desired unassigned number type, then press the OK key. The Contacts entry information appears in the display with the new number posted in the appropriate number type field.
5. Press the OK key again to save your changes to the existing entry.

Speed Dial

A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers. For example:

- To speed dial the Contacts entry assigned to Location 5, press and hold the 5 jkl key, (1-touch dialing).
- To speed dial the Contacts entry assigned to Location 35, press 3 def then press and hold the 5 jkl key, (2-touch dialing).
- To speed dial the Contacts entry assigned to Location 235, press 2 abc, press 3 def, then press and hold the 5 jkl key (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (see "Adding a New Contacts Entry" on page 74) until you enter a name for the entry.

2. After entering the Contacts entry name, **do not press** the OK key. Instead, use the navigation keys to highlight the number field.
3. Press the **Options** (right) soft key (...). The following options appear in the display:
   - **Set Speed Dial** — Assign a speed dial number.
   - **Set as default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
   - **Wait** — A hard pause (waits for input from you).
   - **2-Sec Pause** — A 2-second pause after which dialing resumes (see “Add Pauses to Contacts Numbers” on page 77 for more information).

   Use the navigation keys to highlight **Set Speed Dial**, then press the OK key. The **Speed Dial** screen appears in the display.
4. Use the navigation keys to highlight an **Unassigned** Speed Dial number or enter an **Unassigned** Speed Dial number in the **Go To** field using the keypad.

Important! Do not enter Speed Call numbers 001, 311, 411, or 911. These numbers are already assigned to Voicemail (001), to special network features (311 and 411), and to emergency use (911).

5. Press the **SET** key (OK). You are prompted to confirm your Speed Dial number assignment.
6. Press the **Yes** (left) soft key (...) to save your Speed Dial assignment and return to the **Add New Entry** screen.

Note: Press the **No** (right) soft key (...) to discard the assignment and return to the **Speed Dial** screen.

7. Press the OK key to save your changes.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. See “Finding a Contacts Entry” on page 71 for more information.
2. Use the Up and Down navigation keys to highlight the desired entry.
3. Press the **Edit** (left) soft key (…).
4. Use the Up and Down navigation keys to highlight the number field marked by the Speed Dial icon (⚡).
5. Press the **Options** (right) soft key (…). The following options appear in the display:
    - **Remove speed dial** — Unassign the current speed dial number.
    - **Set as default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
    - **Wait** — A hard pause (waits for input from you).
    - **2-Sec Pause** — A 2-second pause after which dialing resumes (see “Add Pauses to Contacts Numbers” on page 77 for more information).

    Use the navigation keys to highlight **Remove speed dial**, then press the OK key. “**Remove speed dial?**” pops up in the display to confirm your desire to remove the entry.
6. Press the **Yes** (left) soft key (…) to remove the Speed Dial assignment. “**Speed Dial Removed**” pops up in the display, and you are returned to the **Edit Contact** screen.
7. Do steps 4 through 7 of the “Assignment During Entry Creation” procedure on page 83.

Contacts Groups

Contact Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Contacts Entry to a Group

Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry (see “Adding a New Contacts Entry” on page 74 for more information) or find a Contacts entry (see “Finding a Contacts Entry” on page 71 for more information) that you want to add to a Group.
2. Use the Up and Down navigation keys to highlight the **Group** field, the press the **Set** (left) soft key (…).

   The Select Group screen appears in the display showing Groups similar to the following:

   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**
3. Use the Up and Down navigation keys to highlight the Group to which you want to assign the selected Contact, then press the OK key.

You are returned to the **Add New Entry/Edit Contact** screen and the selected Group name populates the **Group** field.

4. Press the OK key to save your changes.

Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. In standby mode, press the **Menu** (left) soft key (...), then press 1@ (for **Contacts**) and 4ghi for **Group**.

   The **Group List** screen appears in the display showing Groups similar to the following:

   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**

2. Use the Up and Down navigation keys to highlight a Group, then press the **Options** (right) soft key (...). The following options popup in the display:

   - **Send Txt Msg**
   - **Send Pic Msg**
   - **Rename**
   - **Erase**
   - **Add**

3. Use the Up and Down navigation keys to highlight **Add**, then press the OK key.

   The **Add Contacts** screen appears in the display showing a list of Contacts entries.

4. Do one of the following:
   - Use the navigation keys to highlight an entry you want to add to the group, then press the **MARK** key (OK). A checkmark appears in the entry's checkbox.

     Repeat as needed to check all the desired Contacts.
   - Press the **Mark All** (right) soft key (…).

Note: To unmark a marked Contact, highlight the Contact and press the **MARK** key (OK) to clear the checkmark.

5. When you have marked the Contacts you want to add to the group, press the **Done** (left) soft key (…). "**Contact added to group**" appears in the display, followed by the selected Group list including the added Contacts.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. In standby mode, press the **Menu** (left) soft key (…), then press 1@ (for **Contacts**) and 4ghi for **Group**. The **Group List** screen appears in the display.
2. Use the navigation keys to highlight the Group name other than **No Group** that you wish to change, then press the **Options** (right) soft key (…). The following options popup in the display:
   - **Send Txt Msg**
   - **Send Pic Msg**
   - **Rename**
   - **Erase**
   - **Add**

3. Use the Up and Down navigation keys to highlight **Rename**, then press the OK key.

   The **Rename Group** screen appears in the display.

4. Enter changes to the group name using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
5. When you have completed your changes to the Group name, press the **SAVE** key (OK).

   “**Group Renamed**” appears in the display followed by the Group List screen showing your renamed Group.

Add a New Group

The New option lets you add Groups.

1. In standby mode, press the **Menu** (left) soft key (…), then press 1@ (for **Contacts**) and 4ghi for **Group**. The **Group List** screen appears in the display.
2. Press the **New** (left) soft key (…). The **New Group** screen appears in the display.
3. Enter a new group name using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
4. When you have completed entering the new Group name, press the **SAVE** key (OK).

   “**Group Saved**” appears in the display followed by the Group List screen showing your new Group.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. In standby mode, press the **Menu** (left) soft key (…),

then press 1@ (for **Contacts**) and 4ghi for **Group**. The **Group List** screen appears in the display.

2. Use the Up and Down navigation keys to highlight the Group that you wish to delete, then press the **Options** (right) soft key (...). The following options popup in the display:
   - **Send Txt Msg**
   - **Send Pic Msg**
   - **Rename**
   - **Erase**
   - **Add**
3. Use the Up and Down navigation keys to highlight **Erase**, then press the OK key.

   You are prompted to confirm the Group erasure.
4. Press the **Yes** (left) soft key (...) to confirm erasure of the Group. Press the **No** (right) soft key (...) to retain the Group.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (See “Finding a Contacts Entry” on page 71 for more information.)
2. Use the navigation keys to highlight the desired entry.
3. Press the **Options** (right) soft key (...). The following options appear in the display:
   - **New Contact**
   - **Erase**
   - **Send Txt Msg**
   - **Send Pic Msg**

- **Call**

4. Use the navigation keys to highlight **Erase**, then press the OK key. The phone prompts you to confirm the erasure.
5. Press the **Yes** (left) soft key (…) to confirm erasure of the selected Contact. Press the **No** (right) soft key (…) to retain the Contact.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

- In standby mode, press the **Menu** (left) soft key (…), then press 1@ (for **Contacts**) and 5 jkl for **Memory Info**.

  The **Memory Info Contacts** screen appears in the display showing the amount of memory Used and remaining (Free) for Contacts entries.

Section 7: @metro

Topics Covered

- Accessing @metro (Mobile Shop)

With Mobile Shop, you can download full featured applications over the air including games, personalized ring tones, pictures, and more. You can send and receive instant messages and email, or browse the web to catch up on all the latest news.

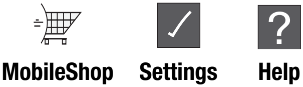
This section outlines how to obtain games and other applications for your phone. For more information, contact your Wireless Carrier.

Accessing @metro (Mobile Shop)

Applications Shopping and Downloading

Download games, ring tones, e-mail, and more using the **Mobile Shop**. For information on airtime charges, contact your Wireless Carrier.

1. In standby mode, press the Right navigation key to launch @metro. The following options appear in the display:



2. Use the Left and Right navigation keys to highlight the **Mobile Shop** icon (🛒), then press the OK key.

Note: The first time you access the Mobile Shop, an “airtime warning” message appears in the display along with instructions on how to remove this message.

Your phone takes a moment to connect, then the Mobile Shop Catalog menu appears in the display.

3. Follow the instructions in your phone’s display.

Note: Please check with your Wireless Carrier for availability of applications.

Changing Your @metro Settings

Use the **Settings** menu in Mobile Shop to manage, move, order applications, and much more.

1. In standby mode, press the Right navigation key to launch @metro.
2. At the @metro menu, use the Left and Right navigation keys to highlight the **Settings** icon (✓), then press the OK key. The following options appear in the display:
   - **Order Apps** — Download applications over the network.
   - **Move Apps** — Move previously downloaded applications between available folders.
   - **Manage Apps** — View used and available memory.
   - **Main Menu View** — Select whether you wish to view the main **Mobile Shop** menu in a list or icon format.
   - **View Log** — View the Mobile Shop log, which displays information about recent activity using Mobile Shop.
3. Use the Up and Down navigation keys to highlight the desired option.
4. Press the OK key to enter the option's sub-menu and view or change settings.

Using On-line Help

The Help sub-menu within @metro is a short tutorial on several @metro-Mobile Shop features. View information about charges, cancelling subscriptions, buying apps, disabling apps, and more.

1. Within in the @metro menu, use the Left and Right navigation keys to highlight the **Help** (?) icon.
2. Press the OK key. The Help subjects described in the following subsections appear in the display.
3. Use the Up and Down navigation keys to highlight the desired Help subject.
4. Press the OK key to view the selected Help information.

Buying New Apps

To buy new and exciting apps, visit the Mobile Shop. It provides you with a variety of apps you can choose from.

What do I pay?

When you buy an app, you will be charged for the purchase cost of the app.

Demo Apps

A Demo app is free and is designed to demonstrate the app’s main features. It usually expires after a certain period of time or a number of uses and often has limited functions. When you run a demo app, you will be presented with a purchase option so you won’t have to look for the app in the Mobile Shop.

Removing Apps

You may remove apps that are no longer needed. When you remove an app, you cannot use the application unless you purchase it again. To remove an app, choose Settings > Manage Apps. Then, select the app you want to remove.

Disabled Apps

You can install new apps even if the memory of your phone is full by partially removing (disabling) apps you haven’t used recently. When you need to use a disabled app, you can restore it at no additional purchase cost.

Restoring Apps

Disabled apps can be quickly restored at no additional purchase cost. To restore an app, run the application you want to restore from the Main Menu. You will be guided through the restoration process.

Expired Apps

Apps that were purchased based on the number of uses or for a specified period of time expire. You can purchase additional uses from the Mobile Shop.

Section 8: Messaging

Topics Covered

- Types of Messages
- Create and Send Text Messages
- Receive Text Messages
- Send Picture Messages in Camera Mode
- Send Picture Messages in Standby Mode
- Receive Picture Messages
- Handwritten Picture Messages
- Postcard Messages
- Message Boxes
- Erase Messages
- Message Settings

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Types of Messages

Your phone is able to send and receive Text and Picture messages to compatible phones and devices. Text messages can be up to 160 characters in length.

Note: Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message length.

Create and Send Text Messages

1. In standby mode, press the Down navigation key, then press 1@ (for **Send Message**) and 1@ for **Text Message**. The **Create Txt Msg** screen appears in the display showing the **To:** list.
2. Enter the phone number or e-mail address of the recipient, then press the OK key. The **Text:** appears in the display.
3. Enter the text content of your message using the keypad. See “Section 5: Entering Text” on page 63 for more information. At any point while composing a message:
   - Press the left soft key (…) to change the text entry mode. The following text entry options appear in the display:
     - **T9 Word**
     - **Abc**
     - **ABC**
     - **123**
     - **Symbols**

     Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

- Press the **Options** (right) soft key (...) to complete the message text and set message send options. The following options appear in the display:
  - **Edit Send To** — Edit the recipient's number or email address.
  - **Add Quick Text** — Insert pre-composed text in your message.
  - **Save As Draft** — Save the message to your Draft folder.
  - **Priority Level** — Choose **High** or **Normal**.
  - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
  - **Enh. Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
  - **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

4. Once you're finished entering your message, press the OK key.

Receive Text Messages

When you receive a message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (✉). The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Erase Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Use the Up and Down navigation keys to highlight your choice, then press the OK key.

Receive Messages While in a Call

When you receive a message while in a call, **New Message** appears in the display along with the closed envelope icon (✉). The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Erase Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, and returns your phone to call mode.

Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

---

1. In standby mode, press and hold the Camera key (📷). The camera viewfinder screen appears in the display.

2. Using the display as a viewfinder, when the image that you wish to send appears in the display, press the OK key to take a picture.

Note: For more information about using the camera feature in your phone, see “Section 11: Multimedia” on page 141.

---

3. Press the OK key to save the picture and begin delivery process. The **Create Pic Msg** screen then appears in the display with the **Send To:** list highlighted.
4. Enter the phone number or e-mail address of the recipient of the Picture message, then press the OK key.

Tip: Press the Add (right) soft key (...) to display a pop-up menu containing: Contacts, Groups, Recent Calls, and OnlineAlbum. These options allow you to find and add recipients to the **Send To:** list.

---

5. The **Subject:** field appears in the display. Enter a subject for the Picture message using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
6. Press the Down navigation key until the **Text:** field is highlighted, then enter the message text using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
7. Your new picture appears in the **Pic:** field.
8. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound:** field and do the following; otherwise, proceed to step 10.
   - Press the **Sounds** (left) soft key (...). The **My Sounds** screen appears in the display showing the following options:
     - **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

- **Audio files list** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.

Use the Up/Down navigation keys to highlight an option, then press the OK key to select the option and insert a sound into your message.

Press CLR to exit the pop-up menu without inserting a sound.

9. Press the **Options** (right) soft key (…) to complete the message text and set message send options. The following options appear in the display:
   - **Preview** — View the picture as the recipient will see it.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Choose **High**, **Normal**, or **Low**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Remove Pic** — Remove the picture from your message.
   - **Remove Sound** — Remove the sound file from your message.
   - **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

   Use the Up/Down navigation keys to highlight an option, then press the OK key to invoke the option.

10. Press the OK key to send the message. “**Pic Msg Sending**” appears in the display and a progress bar indicates the send status.

Send Picture Messages in Standby Mode

Send Picture messages to recipients with a compatible phone or other device, and accompany the Picture message with a voice memo, ring tone, or downloaded melody.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient’s address or phone number in a separate **Send to** field of the Picture message composer.

---

1. In standby mode, press the Down navigation key, then press 1@ (for **Send Message**) and 2abc for **Picture Message**. The **Create Pic Msg** screen then appears in the display with the **Send To** tab highlighted and showing the **To:** list.
2. Enter the phone number or e-mail address of the recipient using the keypad, then press the OK key.

Tip: Press the **Add** (right) soft key (…) to display a pop-up menu containing: Contacts, Groups, Recent Calls, and OnlineAlbum. These options allow you to find and add recipients to the **Send To:** list.

---

3. The **Subject:** field appears in the display. Enter a subject for the Picture message using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
4. Press the Down navigation key until the **Text:** field is highlighted, then enter the message text using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)

5. Press the Down navigation key until the **Pic:** field is highlighted, then press the **Images** (left) soft key (...). A photo gallery of thumbnail images appears in the display.
6. Use the navigation keys to highlight a picture to be added to your message, then do the following:
   - If you want, press the **View** (left) soft key (...) to expand the highlighted picture to full-screen size.
   - If you want to include a new picture, press the **Camera** (right) soft key (...).

Note: For more information about using the camera feature in your phone, see “Section 11: Multimedia” on page 141.

   - Press the OK key to add the highlighted picture to your message.

   You are returned to the **Create Pic Msg** screen with the selected picture in the **Pic:** field.

7. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound:** field and do the following; otherwise, proceed to step 8.
   - Press the **Sounds** (left) soft key (...). The **My Sounds** screen appears in the display showing the following options:
     - **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

  - **Audio files list** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.

  Use the Up/Down navigation keys to highlight an option, then press the OK key to select the option and insert a sound into your message.

  Press CLR to exit the pop-up menu without inserting a sound.

8. Press the **Options** (right) soft key (…) to complete the message text and set message send options. The following options appear in the display:
   - **Preview** — View the picture as the recipient will see it.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Choose **High**, **Normal**, or **Low**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Remove Pic** — Remove the picture from your message.
   - **Remove Sound** — Remove the sound file from your message.
   - **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

   Use the Up/Down navigation keys to highlight an option, then press the OK key to invoke the option.

9. Press the OK key to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Receive Picture Messages

When you receive a Picture Message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (✉). The date and time of the message also appear in the display along with the following options:

- **View Now** — Retrieves and opens the message, where you have the option to Reply, Forward, Delete, Save Text, Save Pic, or Save Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

View a Picture Message Later

1. In standby mode, press the Down navigation key, then press 2abc (for **Inbox**). The Inbox appears in the display.
2. If the new picture message is not highlighted, use the Up and Down navigation keys to highlight the new message.
3. Press the OK key. “Connecting” appears in the display followed by “Retrieving” and a progress bar indicating that the message is downloading to your phone.
4. Once a Picture message has been downloaded to your phone, the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.

Note: For more information on viewing and managing received picture messages, see “Inbox” on page 112.

View a Picture Message Now

1. After you select the **View Now** option, “**Connecting**” appears in the display followed by “**Retrieving**” and a progress bar indicating that the message is downloading to your phone.
2. After the Picture message has downloaded, an alert sounds, and the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.
3. While viewing your message press the **Options** (right) soft key (…). The following options appear in the display:
   - **Replay** — Play the sound file included in the picture message again.
   - **Forward** — Send a copy of this message to another recipient.
   - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Save Sound** — Save the sound file included in this message to the My Sounds folder.
   - **Save Pic** — Save the picture included in this message to the My Images folder.
   - **Save Quick Text** — Save the text in this message as a new Quick Text.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the sender’s number to your Contacts.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Note: For more information on received picture message options, see "Inbox" on page 112.

Handwritten Picture Messages

New Handwr. Msg lets you quickly send handwritten messages as pictures, rather than using the keypad to enter your message.

1. In standby mode, press the Down navigation key, then press 1 (for **Send Message**) and 3 (for **Handwritten Message**). The camera viewfinder screen appears in the display in Sketch mode (that is, high contrast).
2. Position your handset so that the complete text of the message appears within the image corners. See "Simple Snap Shot" on page 142 for more information.

Tip: For best results, write your message on white or light-colored, unruled paper (that is, no lines).

3. Use the Left and Right navigation keys to increase magnification of ("zoom in on") the message, as needed.
4. Press the OK key. "**EXTRACTING**" appears in the display, followed by a high-contrast picture of your message.

5. If you are satisfied with the picture of your message, press the OK key to save the picture and begin delivery process. The **Create Pic Msg** screen then appears in the display with the **Send To** tab highlighted and showing the **To:** list.
6. Complete and send your new Pic. message. See “Send Picture Messages in Standby Mode” on page 105 for more information.

Postcard Messages

Postcard lets you quickly send photos overlaid with handwritten messages as Picture messages, rather than using the keypad to enter your message. You can also include a sound file and keypad-entered text.

1. In standby mode, press the Down navigation key, then press 1@ (for **Send Message**) and 4 ghi for **Postcard**. A photo gallery of thumbnail images appears in the display.
2. Use the navigation keys to highlight a picture to appear as the background of your handwritten Postcard message, then press the OK key.

   To take a new picture instead, press the **Camera** (right) soft key (…). The camera viewfinder screen appears in the display. (See “Taking Pictures” on page 142 for more information.)
3. The camera screen appears in the display in Sketch mode (that is, high contrast, high brightness, and with Zoom functionality).

4. Position your handset so that the complete text of a handwritten message appears within the image corners. See “Handwritten Picture Messages” on page 110 for more information.

Tip: For best results, write your message on white or light-colored, unruled paper (that is, no lines).

---

5. Use the Left and Right navigation keys to increase magnification of (“zoom in on”) the message, as needed.
6. Press the OK key. “**MERGING...**” appears in the display, followed by a high-contrast picture of your message.
7. If you are satisfied with the picture of your message, press the OK key to save the picture and begin delivery process. The **Create Pic Msg** screen then appears in the display with the **Send To** tab highlighted and showing the **To:** list.
8. Complete and send your new Postcard message. (See “Send Picture Messages in Camera Mode” on page 102, Steps 7 – 10, for more information.)

Message Boxes

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox**.

1. In standby mode, press the Down navigation key, then

press 2abc for **Inbox**. A list of incoming messages appears in the display.

Tip: While in a call, press the **Options** (right) soft key (…), then press 1@ to open the **Messages** menu.

---

2. Use the navigation keys to highlight the message that you wish to view.
3. Press the OK key to view contents of the highlighted message.
4. While viewing your message press the **Options** (right) soft key (…). The following options appear in the display:
    - **Forward** — Send a copy of this message to another recipient.
    - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
    - **Save Sound** — Picture Messages Only — Save the audio file (sound) included in this message to the My Sounds folder.
    - **Save Pic** — Picture Messages Only — Save the picture included in this message to the My Images folder.
    - **Save Quick Text** — Save the text in this message as a new Quick Text.
    - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
    - **Add To Contacts** — Save the sender's number to your Contacts.
    - **Message Info** — Shows message delivery status, addressee, size, and so on.
5. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Managing Inbox Messages

1. In standby mode, press the Down navigation key, then press 2abc for **Inbox**. A list of incoming messages appears in the display.
2. Use the navigation keys to highlight a message in the list.
3. Press the Erase (left) soft key (…) to remove the highlighted message from the Inbox.

   Press the Options (right) soft key (…). The following options appear in the display:

   - **Reply** — Compose and send a reply message to the originator of the received message.
   - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Forward** — Send a copy of this message to another recipient.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the sender's number to your Contacts.
   - **Erase Inbox** — Delete all unlocked messages from the Inbox.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully received by enabling the Enh. Delivery Ack/Delivery Ack feature.

Review Messages in the Outbox

1. In standby mode, press the Down navigation key, then press 3 def for **Outbox.** Your list of sent messages appear in the display.
2. Use the navigation keys to highlight a message that you wish to review, then press the OK key.
3. While viewing your message press the **Options** (right) soft key (…). The following options appear in the display:
   - **Play Again** — Replays the selected message.
   - **Forward** — Send the highlighted message to another recipient.
   - **Erase** — Deletes the selected message.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.
   - **Add To Contacts** — Save the recipient's number to your Contacts.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Managing Outbox Messages

1. In standby mode, press the Down navigation key, then press 3 def for **Outbox.** Your list of sent messages appear in the display.
2. Use the navigation keys to highlight a message.
3. Press the **Erase** (left) soft key (…) to remove the highlighted message from the Inbox.

   Press the **Options** (right) soft key (…). The following options appear in the display:

   - **Forward** — Send the highlighted message to another recipient.
   - **Resend** — Re-send the highlighted message to the original recipient.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the recipient's number to your Contacts.
   - **Erase Outbox** — Delete all unlocked messages from the Outbox.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Draft Box

Messages in the Draft Box are those that have been composed but never sent. You can return to the Draft Box at any time to view, edit, or send a draft message.

Create a Draft Message

1. In standby mode, press the Down navigation key, then press 1@ (for **Send Message**) and 1@ for **Text Message,** 2abc for **Picture Message,** 3def for **Handwritten Message**, or 4ghi for **Postcard**. The **Create Txt Msg** screen or **Create Pic Msg** screen appears in the display showing the **To:** list.
2. Enter the phone Number or E-Mail address of the recipient, then press the OK key.
3. Compose your message using the keypad, then press the **Options** (right) soft key (...).
4. Use the navigation keys to highlight **Save As Draft**, then press the OK key. A confirmation message appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages

1. In standby mode, press the Down navigation key, then press 4ghi for **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Use the navigation keys to highlight a text message that you wish to view or edit, then press the OK key. The message text edit screen appears in the display.
3. Enter or change the recipient's number and/or e-mail address and the message text using the keypad. (See "Section 5: Entering Text" on page 63 for more information.)

4. Press the **Options** (right) soft key (...) to complete the message text and set message send options. The following options appear in the display:
   - **Edit Send To** — Change the recipient's number and/or e-mail address.
   - **Add Quick Text** — Insert pre-composed text into your message text.
   - **Save As Draft** — Save the message to your Drafts box.
   - **Priority Level** — Choose **High** or **Normal**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Enh. Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.
5. Use the navigation keys to highlight the desired option, then press the OK key to perform the function for the highlighted option.
6. When you have completed composing your message, press the OK key to send it.

View and Edit Draft Pic. Messages

1. In standby mode, press the Down navigation key, then press 4ghi for **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Use the navigation keys to highlight the picture message that you wish to view, then press the **EDIT** (OK) key. The message edit screen appears in the display.

3. Make any needed changes and press the **Options** (right) soft key (...). The following options appear in the display:
   - **Preview** — Shows the message contents.
   - **Add Quick Text** — Insert pre-composed text into your message text.
   - **Save As Draft** — Saves the changed message to the Draft Box.
   - **Priority Level** — Choose **High**, **Normal**, or **Low**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Remove Pic** — Remove image included in draft message.
   - **Remove Sound** — Remove sound file included in draft message.
   - **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.
4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Managing Draft Messages

1. In standby mode, press the Down navigation key, then press 4 ghi for **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Use the navigation keys to highlight a message.
3. Press the **Erase** (left) soft key (...) to remove the highlighted message from the **Drafts** box.

Press the **Options** (right) soft key (...). The following options appear in the display:

- **Send** — Send the highlighted message to the original recipient, if the recipient's number and/or e-mail address is included with the draft message.
- **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
- **Add To Contacts** — Save the recipient's number and/or e-mail address to your Contacts.
- **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.
- **Erase Drafts** — Delete all unlocked draft messages.

4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Voicemail

Messages in your voice mailbox are logged in the Voicemail box of the **Messages** menu. Open the Voicemail box to view the **Callback #** (if available), **Urgency**, and other details of the Voicemail message.

Listen to Voicemail Now

Once you've received a new voicemail message, you have the option to either:

- **Listen Now** — Calls your voice mailbox and allows you to listen to your messages.
- **Listen Later** — Returns you to standby mode where you can later choose to call your mailbox and review your messages.

1. Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

Listen to Voicemail Later

If you have chosen to review your voicemail messages at a later time:

1. In standby mode, press the Down navigation key, then press 5 jkl for **Voicemail**. The Voicemail screen appears in the display, showing the number of new voicemail messages received and the date and time the latest message was received.
2. Press the SEND key or the OK key to call your voice mailbox and listen to the message.

Note: You can also press and hold 1 to dial your voice mailbox.

Erase Messages

You can erase all of the messages in each your boxes from one convenient location.

Note: This function erases all messages in the selected box. To delete a single message, open the box from the **Messages** menu, then delete the message from the **Options** menu while viewing the message content.

1. In standby mode, press the Down navigation key, then press 6 mno for **Erase Messages**. The following options appear in the display:
   - **Inbox** — Deletes all unlocked messages stored in the Inbox.
   - **Outbox** — Deletes all unlocked messages stored in the Outbox.
   - **Drafts** — Deletes all unlocked messages stored in the Drafts box.

- **All Messages** — Deletes all unlocked messages stored in all of the message boxes, except Voicemail.

2. Use the navigation keys to highlight the box containing the messages that you wish to delete.
3. Press the OK key. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.
4. Press the **Yes** (left) soft key (…) to delete the messages. Press the **No** (right) soft key (…) cancel deleting the messages.

Message Settings

Use the **Msg Settings** sub-menus to define settings for general, text, and picture messages.

General Message Settings

1. In standby mode, press the Down navigation key, then press 7pqrs for **Msg Settings** and 1@ for **General**. The following options appear in the display.
   - **Auto Save** — Choose whether your messages are saved automatically when you exit them (**On**, **Off**, **Prompt**).
   - **Auto Erase** — Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.
   - **Quick Text** — Edit your pre-composed messages, which can then be inserted into new messages.
   - **Voicemail #** — Edit or view your Voicemail number.
   - **Entry Mode** — Choose the default method for entering text into messages (**T9 Word**, **Abc**, **ABC**, **123**).

- **Callback #** — Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.
- **Signature** — Choose whether to include a text signature in outgoing message text, and enter the text to be included.
- **Reminder** — Select whether and how often you will hear and/or feel a reminder that you have received a message (**Once**, **Every 2 Minutes**, **Every 15 Minutes**, **Off**).

2. Use the navigation keys to highlight the desired option. Press the OK key to enter the highlighted option's sub-menu.

Editing and Entering Quick Text

1. In standby mode, press the Down navigation key, then press 7pqrs for **Msg Settings**), 1@ for **General**), and 3def for **Quick Text**. The **Quick Text** sub-menu appears in the display.
2. Use the navigation keys to highlight a Quick Text you want to change, then press the OK key. (You cannot change the pre-defined Quick Text included with your phone.)

   Press the **New** (right) soft key (…) to create a new Quick Text.

Tip: You can also create new Quick Text by viewing/editing an Outbox message and using the **Save Quick Text** option in the **Options** menu. See "Review Messages in the Outbox" on page 115 for more information.

3. Enter/change the text content of your Quick Text using the keypad. (See "Section 5: Entering Text" on page 63 for more information.)

   Press the left soft key (…) to change Text Input Mode.

4. Once you're finished entering your Canned Msg., press the OK key. The **Quick Text** menu appears in the display with your new Canned Msg. highlighted.

Text Message Settings

1. In standby mode, press the Down navigation key, then press 7pqrs for **Msg Settings** and 2abc for **Text Message**. The following options appear in the display.
   - **Auto View** — On/Off — With Auto View **On**, the full content of a text message appears in the display as the messages is received.
   - **Signature** — Create a signature, which can be included at the bottom of outgoing message text.
   - **Auto Scroll** — On/Off — With Auto Scroll **On**, the full content of a text message automatically rolls upward on the display, one screen-full at a time.
2. Use the navigation keys to highlight the desired setting. Press the OK key to enter the highlighted option's sub-menu.

Picture Message Settings

1. In standby mode, press the Down navigation key, then press 7pqrs for **Msg Settings** and 3def for **Picture Message**. The following options appear in the display.
   - **Auto Receive** — On/Off — With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.
   - **Signature** — Create a signature, which can be included at the bottom of outgoing Picture message text.

2. Use the navigation keys to highlight the desired setting. Press the OK key to enter the highlighted option’s sub-menu.

Section 9: MetroWEB

Topics Covered

- MetroWEB
- Launching MetroWEB
- Using MetroWEB
- Using Links
- How MetroWEB Keys Work

This section outlines how to launch MetroWEB, how to navigate to other pages on the web, and how the keys on the keypad are used with the web application. Additionally, links to other sites are briefly discussed.

MetroWEB

With MetroWEB, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch MetroWEB, your phone connects to the Internet and the service indicator icon ( ) appears in the display.

Stored Web Content

MetroWEB ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching MetroWEB

1. In standby mode, do one of the following to launch **MetroWEB**:
   - Press the **Left** navigation key.
   - Press the **Menu** (left) soft key (...), then press 4 ghi (for **MetroWEB**) and 1@ for **Get In Web**.
2. A list of categories (each representing one or more web sites) appears in the display.
3. Use the navigation keys to browse the categories.
4. Once the desired category is highlighted, press the ✓ (left) soft key (...) to enter the category list.

Exit MetroWEB

- Press END to exit **MetroWEB**.

Using MetroWEB

When you use MetroWEB, some of the keys operate differently than during a normal phone call. MetroWEB presents on-screen items in any of the following ways:

- Text or numeric input.
- Links (embedded in content).
- Numbered options (some may not be numbered).
- Simple text.

You can act upon options or links by using the soft keys.

MetroWEB soft keys

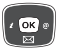
the bottom of the MetroWEB display is a bar that contains browser commands. The Left and Right (... ...) soft keys on the keypad are used to execute the command that appears above them in the display. These are called “soft keys” because their function changes depending on the application.

Using Links

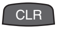
Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([ ]). You can normally use the left soft key (...) to select a link when it is highlighted.

How MetroWEB Keys Work

The following table lists MetroWEB keys and their functions.

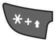


navigation keys — Use to browse lists and options

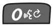


CLR Key — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page.

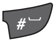
Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.



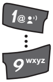
Asterisk/Shift Key — Press before entering text to enable uppercase characters.



Next Key — Press to enter a zero (0), or to display another word in the dictionary when in T9 Word entry mode.

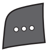


Pound/Space Key — Press to insert a space when entering text.

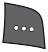


Number 1 thru 9 — Use the number keys to select items in a menu if they are numbered.

End Key — Press to exit the MetroWEB and return the phone to standby mode.



Left Soft Key — Press to activate the command that appears above it in the display.



Right Soft Key — Press to activate the command that appears above it in the display.

Section 10: Voice SVC

Topics Covered

- Voice SVC Options
- Voice Commands
- Voice Settings

This section explains how you can use and customize your phone’s VoiceSignal voice recognition feature.

Voice SVC Options

Your SCH-a870 includes VoiceSignal, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools. To access your phone's voice recognition, do the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 6 mno for **Voice SVC**. The following options appear in the display:
   - **Voice Commands** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see "Voice Dialing" on page 37 and "Voice Method" on page 71 for more information.
   - **Voice Settings** — Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences. See "Digit Dialing" on page 135 for more information.
2. Use the navigation keys to highlight the desired sub-menu, then press the OK key.

Voice Commands

To access the Voice Commands menu, do one of the following:

- In standby mode, press and hold the 0 key.

  "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.
- In standby mode, press the **Menu** (left) soft key (…), then press 6 mno (for **Voice SVC**) and 1@ for **Voice Commands**.

Note: You can also set your phone to start VoiceSignal when you open the phone. See “Voice Launch” on page 138 for more information.

The following voice commands appear in the display:

- **Call** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or “train” that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (See “Voice Dialing” on page 37 for more information.)
- **Send Text** — Lets you access Create Text Message.
- **Send Picture** — Lets you access Create Picture Message.
- **Lookup** — Lets you find a Contact by name and review the Contact’s information.
- **Go to** — Lets you access the following list of your phone’s features and functions:
  - **Contacts**
  - **Calls**
  - **Messages**
  - **MobileWeb** (MetroWEB)
  - **@metro**
  - **VoiceSVC**
  - **Multimedia**
  - **Tools**
  - **Settings**
- **Check** — Lets you say a single command (such as “**Status**”) to verify your phone's: **Status**, **Signal**, **Network**, **Battery**, or **My phone #**.

Note: Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognized the command, it tells you “**Sorry, no match found**” and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice Settings

Choice Lists

When VoiceSignal cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one.

You can select how VoiceSignal will use choice lists with name dialing, digit dialing, and contacts.

To change the way VoiceSignal uses choice lists:

1. In standby mode, press the **Menu** (left) soft key (...), then press 6mno (for **Voice SVC**), 2abc (for **Voice Settings**), and 1@ for **Choice Lists**.
2. Use the navigation keys to highlight the Choice List behavior you prefer:
   - **Automatic** — VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
   - **Always On** — VoiceSignal always displays a choice list, even when there is only one choice.
   - **Always Off** — VoiceSignal never displays a choice list.

3. Press the OK key or the **OK** (left) soft key (…) to accept the new setting. Press the CLR key to discard the new setting and return to the **Voice Settings** menu.

Sensitivity

1. In standby mode, press the **Menu** (left) soft key (…), then press 6mno (for **Voice SVC**), 2abc (for **Voice Settings**), and 2abc for **Sensitivity**.
2. Use the Up and Down navigation keys to adjust the selected Sensitivity setting incrementally between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.
3. Press the OK key or the **OK** (left) soft key (…) to accept the new setting. Press the CLR key to discard the new setting and return to the **Voice Setting** menu.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. In standby mode, press the **Menu** (left) soft key (...), then press 6 mno (for **Voice SVC**), 2 abc (for **Voice Settings**), and 3 def for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Adapt Digits**, then press the OK key. Your phone displays text describing the Adapt Digits process.
3. Press the OK key. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
4. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok?**"
   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**."

If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

Repeat this step until you're satisfied with the recording.

5. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.
6. After 10 sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."
7. Repeat steps 4 and 5 for another 10 sets of digits. After the second group of 10 sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Digit Dialing** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 6 mno (for **Voice SVC**), 2 abc (for **Voice Settings**), and 3 def for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Reset Digits**, then press the OK key. The phone prompts you to confirm digit rest.
3. Press the **OK** (left) soft key (…) to reset your digit adaptation, or press the **Back** (right) soft key (…) to cancel.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. In standby mode, press the **Menu** (left) soft key (…), then press 6mno (for **Voice SVC**), 2abc (for **Voice Settings**), and 4ghi for **Sound**. The following options appear in the display:
   - **Prompts** — On/Off — Enables or disables audio prompts.
   - **Digits** — On/Off — Enables or disables digit playback.
   - **Names** — On/Off — Enables or disables name playback.
   - **Name Settings** — Lets you adjust the **Speed** (**Faster** or **Slower**) and **Volume** (**Louder** or **Softer**) of your phone's audio name playback.
2. Use the Up and Down navigation keys to highlight the desired option, then press the OK key.
3. Use the Up and Down navigation keys to highlight the desired setting.
4. Press the OK key or the **OK** (left) soft key (…) to accept the new setting. Press the CLR key to discard the new setting and return to the **Sound** menu.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 6mno (for **Voice SVC**), 2abc (for **Voice Settings**), and 5jkl for **Voice Launch**. The following options appear in the display:
   - **Key Only** — Press and hold 0 to activate VoiceSignal for one call.

- **Key/EarMic** — Attach a headset to your phone. Press and hold 0 or press and hold the button on the headset to activate VoiceSignal.
- **Key/Flip** — Press and hold 0 to activate VoiceSignal for repeated calls. Open and close folder to make and end calls using Voice Recognition. Press END to release VoiceSignal.

2. Use the navigation keys to highlight the option you want, then press the OK key or the **OK** (left) soft key (…) to save and exit. Press the CLR key to discard the new setting and return to the **Voice Settings** menu.

About

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

1. In standby mode, press the **Menu** (left) soft key (…), then press 6 mno (for **Voice SVC**), 2 abc (for **Voice Settings**), and 6 mno for **About**.

   The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Section 11: Multimedia

Topics Covered

- Camera
- Using My Images Gallery
- Using My Ringtones Gallery
- Using My Sounds Gallery

Use your SCH-a870 phone to take full color digital pictures, display them on your phone’s vivid color display, and instantly share them with family and friends.

With Mobile Shop, you can download personalized ringtones, pictures, and more. For more information, contact your Wireless Carrier.

Camera

Taking Pictures

Taking pictures with the built-in camera is as simple as choosing a subject, pointing the lens [located on the outside of the folder (above the external display)], and pressing a button.

Simple Snap Shot

To take a single picture using the current camera settings, do the following:

1. In standby mode, press and hold the camera key (📷) on the right side of the phone.

   The message “**Loading...**” followed by a camera viewfinder screen appears in the display. (See “Camera Screen” on page 143 for more information.)

Note: You can also activate the camera by pressing the **Menu** (left) soft key(...), then press 7pqrs (for **Multimedia**) and 1@ for **Camera**.

---

2. Point the camera lens at your subject.
3. Using the display as a viewfinder, press the OK key or the camera key (📷) when the image that you wish to capture appears in the display.
4. Press the **Save** (left) soft key (...) to save the picture to the Image gallery in your phone, a part of the phone’s memory devoted to storing, browsing, and viewing saved pictures.

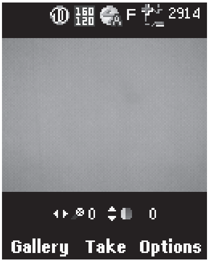
   Press the **Send** key (OK) to save the picture and include it in a Picture message. (See Send Picture Messages in Camera Mode for more information.)

Press the **Erase** (right) soft key (…) to erase the photo.

Tip: You can change a number of the camera’s settings to suit particular uses for your pictures. See “Camera Shortcuts” on page 144 for more information.

Camera Screen

When you activate your phone’s camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed. The soft key labels on the bottom line of the display change to the following:



- **Gallery** — Pressing the left soft key (…) opens the **Picture Gallery** so you can view or manage your stored pictures.
- **Take** — Pressing the OK key takes a picture of the image currently appearing on the display.
- **Options** — Pressing the right soft key (…) opens a pop-up menu of camera settings.

Camera Screen Icons

10 **Self Timer** — Delays the camera shutter by either 3, 5, or 10 seconds after you press the **Camera** key ( ) or the OK key.

160 120 **Resolution** — Indicates the current Resolution setting [Low (160x120) shown].

Flash — Indicates the current Flash setting (Auto shown).

Quality — Indicates the current photo Quality setting (Fine shown).

White Balance — Indicates the current photo White Balance setting (Auto shown).

Memory Counter — Indicates the maximum number of photos you can take at the current Resolution and Quality settings.

Zoom — Indicates the current Zoom setting [0 (no Zoom) shown]. The direction arrows indicate that the Left and Right navigation keys adjust the Zoom setting.

Brightness — Indicates the current photo Brightness setting [0 (no Brightness) shown]. The direction arrows indicate that the Up and Down navigation keys adjust the Brightness setting.

Camera Shortcuts

You can use the Navigation Keys to quickly access both the Brightness and Zoom capabilities of the built in camera. When you exit the camera mode, all camera settings return to default values.

Brightness

1. In camera mode, change the brightness of your pictures using the Up and Down navigation keys. Options are **+4 – -4**.
2. Press the OK key or the Camera key (📷) to take the picture.

Zoom in on a Subject

Your camera has digital zoom capabilities of up to x3 with Resolution set to Low. Pictures may appear somewhat grainy as you zoom in; this is a normal result of digital enhancement.

Note: The Zoom setting is affected by the Resolution setting (camera mode). With Resolution set to **High**, no zoom is available. With Resolution set to **Med**, Zoom settings **1** and **2** are available. With Resolution set to **Low**, Zoom settings **1**, **2**, and **3** are available.

---

1. In camera mode, press the Left and Right navigation keys to zoom in and out on your subject.
2. Press the OK key or the Camera key ( ) to take the picture.

Camera Options

The Camera Options let you temporarily override your default camera settings. Any settings you change using the Camera Options only apply to the current camera session or until you make another change using the Camera Options.

Set Camera Resolution

1. In camera mode, press the **Options** (right) soft key (…). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Flash**
   - **White Balance**
   - **Quality**
   - **Shutter Sounds**

- **Color Tones**

2. Use the navigation keys to highlight **Resolution**, then press the OK key. The following options appear in the display:
   - **High(640x480)**
   - **Med(320x240)**
   - **Low(160x120)**
3. Use the navigation keys to highlight the desired resolution setting, then press the OK key.

Delay Pictures with the Self Timer

Self Timer lets you delay a picture long enough so you or the person taking the picture can join others in the picture.

1. In camera mode, press the **Options** (right) soft key (…). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Flash**
   - **White Balance**
   - **Quality**
   - **Shutter Sounds**
   - **Color Tones**
2. Use the navigation keys to highlight **Self Timer**, then press the OK key. The following options appear in the display:
   - **Off**
   - **3 Seconds**
   - **5 Seconds**
   - **10 Seconds**

3. Use the navigation keys to highlight the desired delay, then press the OK key. The camera screen appears in the display.

   The next time you press the Camera key (📷) or the OK key, a countdown timer appears in the display that indicates the time remaining before the camera takes the picture.

Flash

Flash lets you take pictures in low light.

1. In camera mode, press the **Options** (right) soft key (...). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Flash**
   - **White Balance**
   - **Quality**
   - **Shutter Sounds**
   - **Color Tones**
2. Use the navigation keys to highlight **Flash**, then press the OK key. The following Flash options appear in the display:
   - **Off**
   - **On**
   - **Auto**
   - **Only This Shot**
3. Use the navigation keys to highlight one of the Flash settings, then press the OK key, the camera applies the selected Flash setting to your next picture.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press the **Options** (right) soft key (…). The following options appear in the display:
    - **Resolution**
    - **Self Timer**
    - **Flash**
    - **White Balance**
    - **Quality**
    - **Shutter Sounds**
    - **Color Tones**
2. Use the navigation keys to highlight **White Balance**, then press the OK key. The following White Balance options appear in the display:
    - **Auto** — The camera automatically adjusts picture quality to available light.
    - **Sunny** — Use this setting when taking pictures in full sun.
    - **Cloudy** — Use this setting when taking pictures in cloudy conditions.
    - **Tungsten** — Use this setting when taking pictures under incandescent lights.
    - **Fluorescent** — Use this setting when taking pictures under fluorescent lights.
3. Use the navigation keys to highlight one of the White Balances, then press the OK key, the camera applies the selected White Balance setting to your next picture.

The Quality Setting

You can affect how much your photo is compressed, thereby reducing it's overall size (not to be confused with Resolution).

1. In camera mode, press the **Options** (right) soft key (...). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Flash**
   - **White Balance**
   - **Quality**
   - **Shutter Sounds**
   - **Color Tones**
2. Use the navigation keys to highlight **Quality**, then press the OK key. The following options appear in the display:
   - **Fine**
   - **Normal**
   - **Economy**
3. Use the navigation keys to highlight the desired Quality setting, then press the OK key. The camera applies the selected Quality setting to your next picture.

Use Shutter Sounds

Choose from three different sounds whenever you take a picture. Aside from being a cool sound effect, Shutter Sounds acts as an audible reminder that your camera has taken the picture.

1. In camera mode, press the **Options** (right) soft key (...). The following options appear in the display:
   - **Resolution**

- **Self Timer**
- **Flash**
- **White Balance**
- **Quality**
- **Shutter Sounds**
- **Color Tones**

2. Use the navigation keys to highlight **Shutter Sounds**, then press the OK key. The following options appear in the display:
   - **Shutter**
   - **Okay**
   - **Chime**
3. Use the navigation keys to highlight the desired Shutter Sound (each sound plays as it is highlighted), then press the OK key. The camera applies the selected Shutter Sound setting to your next picture.

Color Tones

Color Tones lets you change your pictures from full-color to two-color, (black plus a color you select).

1. In camera mode, press the **Options** (right) soft key (...). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Flash**
   - **White Balance**
   - **Quality**
   - **Shutter Sounds**
   - **Color Tones**

2. Use the navigation keys to highlight **Color Tones**, then press the OK key. The following Color Tones options appear in the display:
   - **Normal** (full-color)
   - **Black&White** (monochrome)
   - **Sepia**
   - **Green**
   - **Aqua**
   - **Antique**
   - **Cool**
   - **Warm**
   - **Sketch**
3. Use the Right and Left navigation keys to highlight one of the Color Tones, then press the OK key, the camera applies the selected Color Tone setting to your next picture.

Using My Images Gallery

My Images lets you manage your photos and pictures you download, and lets you choose the pictures that appear in your phone's display when you turn it on or off, while in standby mode (wallpaper), and as image IDs for your contacts.

1. In standby mode, press the **Menu** (left) soft key (…), then press 7pqrs (for **Multimedia**) and 2abc for **My Images**. A multiple-page matrix of thumbnail views of saved photos and images appears in the display.
2. Use the navigation keys to highlight an image or photo.

3. Press the **Camera** (left) soft key (…) to take new photos.

   Press the **VIEW** key (OK) to expand the highlighted image to fill the screen.

   Press the **Options** (right) soft key (…). The following options appear in the display:

   - **Send** — Send to someone as part of a Picture message. (See “Send Picture Messages in Standby Mode” on page 105 for more information.)
   - **Online Album** — Send the highlighted image to your Online Album on your Wireless Provider’s server.
   - **Set As** — Lets you set the highlighted image as the **Main Wallpaper**, as the **Front Wallpaper**, or as a **Picture ID** for one of your Contacts.
   - **Create Postcard** — Select as background in a Postcard Picture message. (See “Postcard Messages” on page 111 for more information.)
   - **Rename** — Change the file name for the highlighted image.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted image.
   - **Erase** — Erase the highlighted image.
   - **Erase All** — Erase all unlocked images from My Images.
   - **Photo Info** — Shows the image file’s name, date and time, resolution, and size.
4. Use the navigation keys to highlight an option, then press the OK key.
5. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

Using My Ringtones Gallery

My Ringtones lets you assign ringtones for calls, alarms, and other alerts.

1. In standby mode, press the **Menu** (left) soft key (…), then press 7pqrs (for **Multimedia**) and 3def for **My Ringtones**. A list of ringtones appears in the display.
2. Use the navigation keys to highlight a ringtone.
3. Press the **Set As** (left) soft key (…) to assign the highlighted ringtone to be used as a **Ringtone**, **Contact ID**, or as an **Alert Tone**.

   Press the **PLAY** key (OK) to hear the ringtone.

   Press the **Info** (right) soft key (…) to show title and file type for the highlighted ringtone.
4. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

Using My Sounds Gallery

My Sounds lets you record and manage voice memo files and assign melodies as ringers or alerts.

1. In standby mode, press the **Menu** (left) soft key (…), then press 7pqrs (for **Multimedia**) and 4ghi for **My Sounds**. The following options appear in the display:
   - **Record New** — Lets you record voice memos.
   - A list of recorded voice memo files and melodies.
2. Use the navigation keys to highlight a file.
3. When you highlight **Record New** and press the OK key, the **Record New** screen appears in the display.

- Press the **REC** key (OK) to start recording a voice memo.
- Press the **Pause** (left) soft key (…) to pause/resume recording.
- Press the **SAVE** key (OK) to stop recording and save the voice memo.

4. When you highlight a saved voice memo file, you have the following options:
   - Press the **Erase** (left) soft key (…) to erase the selected voice memo file, if it is unlocked.
   - Press the **PLAY** key (OK) to listen to the voice memo.
   - Press the **Options** (right) soft key (…), and the following options appear in the display:
     - **Send** — Send to someone as part of a Picture message. (See “Send Picture Messages in Standby Mode” on page 105 for more information.)
     - **Online Album** — Send the highlighted image to your Online Album on your Wireless Provider’s server.
     - **Rename** — Change the name of the voice memo file.
     - **Lock** / **Unlock** — Block/permit erasure of the highlighted image.
     - **Erase all** — Erase all unlocked voice memos.
     - **Sound Info** — Shows the title, size, type, and date for the file.
5. When you highlight a melody file, you have the following options:
   - Press the **PLAY** key (OK) to hear the ringtone.
   - Press the **Options** (right) soft key (…) to show the following options:
     - **Send** — Send to someone as part of a Picture message. (See “Send Picture Messages in Standby Mode” on page 105 for more information.)

  - **Set As** — assign the highlighted ringtone to be used as a **Ringtone**, **Contact ID**, or as the **Alert Tone**.
  - **Erase all** — Erase all unlocked melodies.
  - **Sound Info** — Shows the title, size, type, and date for the file.

6. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

Section 12: Tools

Topics Covered

- Bluetooth
- Calendar
- Memo Pad
- Alarm Clock
- World Time
- Calculator
- Stop Watch
- Converter
- Tip Calculator

This section explains how you can use your phone’s Personal Information Manager (PIM) functions to view today’s calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

Add New Device

To search for available Bluetooth device(s:,

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 1@ for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**

- **Bluetooth Settings**

2. Highlight **Add New Device** and press the OK key.

   If Bluetooth is off, you are prompted to “Turn Bluetooth on?”. Press the **Yes** (left) soft key (…) to turn Bluetooth on. Press the **No** (right) soft key (…) to leave Bluetooth off.

   “Place device you are connecting to in discoverable mode” appears in the display.

3. Place the Bluetooth device in discoverable mode. (See the device user manual for more information.)
4. Press the OK key. Names of the available devices appears in the display.
5. Use the navigation keys to highlight the device you want to pair with your phone.
6. Press the **PAIR** key (OK) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.
7. Enter the device passkey or PIN and press the OK key. A pop-up message appears to inform you the connection is complete.

Registered List

This menu provides a list of Bluetooth wireless technology devices discovered by your handset.

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**) and 1@ for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**

2. Highlight **Registered List** and press the OK key. A list of registered Bluetooth devices appears in the display.

Connecting to a Bluetooth Device

From the Registered List,

1. Highlight the device and press the OK key.
2. If you are unable to connect with the device a pop-up appears in the display. Press the **Yes** soft key to retry.

Disconnecting from a Bluetooth Device

From the Registered List,

1. Highlight the device and press the **Off** soft key.

Managing Your Registered List

From the Registered List,

1. Highlight a device and press the **Options** soft key. The following options appear in the display.
   - **Remove Device** — Deletes the device from the Registered List.
   - **Rename Device** — Lets you change or replace the device name, as needed.
   - **Device Info** — Shows the type of device, status, address, the date when it was paired with your phone, and the date the device was last connected with your phone.
2. Highlight the desired option and press the OK key to access that option.

Bluetooth Settings

Enable/Disable

Selecting this option turns Bluetooth on or off.

Discovery Mode

Allows other users to see your accessibility. Select **On** for other devices to see your device, or **Off** for no visibility.

Device Name

Shows the handset name. You may change this name. Enter the text and press the OK key.

Device Info

Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

Calendar allows you to view the current, past, or future month in calendar format. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

View an Event

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 2 abc for **Calendar**.
2. A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.

3. Use the navigation keys to highlight different dates within the current month.
   - Press OK to open a date that is highlighted.
   - Press the volume Up key to view previous months.
   - Press the volume Down key to view future months.
4. Press the **VIEW** key (OK) to display a list of events on the highlighted date.
5. Use the Up and Down navigation keys to highlight an event to view.
6. Press the **VIEW** key (OK) to display the specifics of the highlighted event.
7. Press the **Edit** (left) soft key (...) to change the event details. (See “Add a New Event” on page 162 for more information.)
8. Press the **Options** (right) soft key (...). The following options appear in the display:
   - **Monthly** — Repeat this event monthly.
   - **Erase** — Remove this event from the Calendar.

   Use the navigation keys to highlight an option. Press OK to invoke the highlighted option.

Add a New Event

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 2 abc for **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.
2. Press the **Add** (left) soft key (...) to add an event. The **New Event** screen appears in the display.

Use the Up and Down navigation keys to highlight New Event options.

Use the Left and Right navigation keys to select option values.

Use the keypad to enter option values.

3. Enter the Name of the new event using the keypad.

   Press the left soft key (...) to change the text input mode. (See “Section 5: Entering Text” on page 63 for more information.)

Note: The current mode of text entry is indicated in the lower left corner of the display.

---

4. To set the **Start Date**, use the keypad to enter the start date for the event.
5. To set the **Start Time**:
   - Use the keypad to enter the time for the event.
   - Use the Left and Right navigation keys to select **AM** or **PM**, or press 2abc for **AM** and press 7pqrs for **PM**.
6. Repeat Steps 4 and 5 for the **End Date** and **End Time**.
7. Use the Left and Right navigation keys to select:
   - **Alert** type (**Tone**, **Vibrate**, **Light Only**)
   - **Alert** tone (the **Alert Tone** screen appears in the display. See “Using My Ringtones Gallery” on page 153 and “Using My Sounds Gallery” on page 153 for more information.)
   - **Reminder** (Off, Once, Every 2 Minutes, Every 15 Minutes)
   - **Alert time** (15 Min. Before, 30 Min. Before, 1 Hour Before, 3 Hours Before, 5 Hours Before, 1 Day Before, On Time, 5 Min. Before, 10 Min. Before)

8. Press OK to store the event in your calendar. An alarm will notify you prior to the event, if **Reminder** is set to a value other than **Off**.

Memo Pad

Create notes and store them in Memo Pad. Notes that you create in Memo Pad can't be prioritized or assigned an alert. Return to Memo Pad anytime to review and edit your notes.

Create a Memo

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 3 def for **Memo Pad**.
2. If you have any stored memos, they appear as a list in the display. If this is your first time in Memo Pad, press the **Add** (left) soft key (...) to add a memo.
3. Enter memo text using the keypad.
4. Press the **Options** (left) soft key (...) to display a pop-up menu containing the following text entry mode options.
   - **T9 Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**

Note: The current mode of text entry is indicated in the lower right corner of the display.

5. Use the navigation keys to highlight the entry mode that you wish to use, or press OK to exit the pop-up menu.

Note: See “Section 5: Entering Text” on page 63 for more information about entering text.

6. When you’re finished entering details for the memo, press OK. The memo is stored.

Review, Edit, and Erase Memos

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**) and 3 def for **Memo Pad**. Your list of stored memos appears in the display.
2. Use the navigation keys to browse memos.
3. Press the **Options** (right) soft key (…) and the following options appear in the display:
   - **Edit**— Change the currently highlighted memo.
   - **Erase** — Erase the highlighted memo.
   - **Erase all** — Erase all of the unlocked memos.
   - **Lock** / **Unlock** — Prevents/allows erasure of the highlighted memo.
4. Press OK to **VIEW** a highlighted memo.
5. Press the **Edit** (left) soft key (…) to change the text of the memo you are viewing.

   Use the keypad to change the memo text. (See “Section 5: Entering Text” on page 63 for more information.)
6. Press the **Options** (right) soft key (…) while viewing a memo, and the following options appear in a pop-up menu:
   - **Erase** — Erase the memo you are viewing.
   - **Add New Memo** — Add a new memo to Memo Pad.
   - **Lock** / **Unlock** — Prevents/allows erasure of the memo you are viewing.

7. Use the navigation keys to highlight an option.
8. Press OK to perform the function for the highlighted option.

Alarm Clock

Your phone has three alarm clocks that can be set to go off once, or to recur daily at a specific time. Once set, an alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed while the phone is off, the alarm occurs at the specified time on the next day.

---

1. In standby mode, press the **Menu** (left) soft key (···), then press 8 tuv (for **Tools**) and 4 ghi for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight the alarm clock that you wish to set, then press OK. The Set Alarm screen appears in the display.

   Use the Up and Down navigation keys to select Set Alarm options.
3. Use the Left and Right navigation keys to set the alarm **Off** or **On**.
4. To set the **Time**:
   - Enter the time for the alarm using the keypad.
   - Use the Left and Right navigation keys to select **AM** or **PM**, or press 2 abc for **AM** and press 7 pqrs for **PM**.

5. Use the Left and Right navigation keys to select the **Frequency** at which you wish the alarm to occur (**Daily**, **Mon.-Fri.**, **Weekends**, or **Once**).
6. Use the navigation keys to select the **Ringer** type (**Tone**, **Vibrate**, **Light Only**) and ringtone (from **My Ringtones** or **My Sounds**).
7. Press OK when you're finished entering the time and frequency for the alarm. If the alarm is set to **On**, the alarm icon (⏰) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- Press OK to silence the alarm.
- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 4 ghi for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight the desired alarm, then press the **Options** (right) soft key (...). The following options appear in the display:
   - **On** / **Off**

- **Reset**
- **Reset All**

3. Use the Up/Down navigation keys to highlight **Reset**, then press OK. The selected alarm is turned off.

World Time

World Time lets you view the time of day or night in any of the 24 different time zones around the world.

Note: To use World Time, you need to subscribe to your Cellular Provider's digital service.

---

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**) and 5 jkl for **World Time**. A world map appears in the display.
2. Use the Left and Right navigation keys to browse cities and their current times. The following cities are supported.

New York	**Montreal**	**Boston**
Caracas	**Brasilia**	**Mid Atlantic**
Cape Verde	**London**	**Paris**
Rome	**Berlin**	**Athens**
Helsinki	**Jerusalem**	**Moscow**
Baku	**Abu Dhabi**	**Tashkent**
New Delhi	**Alma-ata**	**Bangkok**
Jakarta	**Hong Kong**	**Beijing**
Seoul	**Tokyo**	**Guam**
Sydney	**Okhotsk**	**Wellington**
Samoa	**Midway**	**Honolulu**

- **Alaska**
- **Los Angeles**
- **Dallas**
- **Mexico City**
- **Seattle**
- **Denver**
- **Chicago**
- **Detroit**
- **San Francisco**
- **Arizona**
- **Houston**
- **Washington D.C**

3. Do one of the following:
   - Press the OK key to set the selected time zone as the default time zone for your phone.
   - Press the CLR key to return to the **Tools** menu.

Enable Daylight Savings Time (DST)

1. While viewing the World Time map, press the **Options** (right) soft key (...). **DST Off** / **DST On** appears in the display.
2. Press the OK key to accept the highlighted setting. If the DST icon (☼) appears in the display, it indicates that Daylight Savings Time is enabled.

Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 6 mno for **Calculator**. The Calculator appears in the display.
2. Enter the first number in your equation using the keypad. (Numbers can be up to nine digits long.)
   - Press *+ to enter a decimal point.
   - Press # to change the sign for a number to a negative.

- Press the **Operator** (right) soft key (…) to add parentheses [**( )**] to your equation or to enter an **Power** exponent (**^**), such as, 3^2, which is the equivalent of 3^2.
- Press the **Clear** (left) soft key (…) to clear current entries.

3. Use the navigation keys (as shown in the **Calculator** screen) to set the type of calculation that you wish to perform. Your choices are as follows.
   - [**+**] Addition
   - [**x**] Multiplication
   - [**-**] Subtraction
   - [**÷**] Division
4. Use the keypad to enter the second number into your equation.
5. Press OK to perform the calculation and view the result.

Stop Watch

You can use this function to set a stop watch.

1. In standby mode, press **Menu** (left) soft key (…), then press 8 tuv (for **Tools**) and 7 pqrs for **Stop Watch**. The **Stop Watch** screen appears in the display.
2. Press the OK key to start, stop, and resume the stopwatch count.
3. Press the **Record** (left) soft key (…) at the start of each succeeding event/lap to record the completion time for the previous event/lap. You can record up to eight event/lap times.
4. Press the **Reset** (right) soft key (…) to reset the stop watch and to erase all stop watch (lap) times recorded.

Converter

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Tools**) and 8 tuv for **Converter**. The following list of converters appears in the display:
   - **Currency**
   - **Length**
   - **Weight**
   - **Volume**
   - **Area**
   - **Temperature**
2. Use the navigation keys to highlight the conversion feature you wish to use, then press the OK key.
3. Use the navigation keys to select the units to be converted **From** and **To**.
4. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

Note: To include a decimal point, press the *+↑ key.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**), 8 tuv (for **Converter**), and 1@ for **Currency**.
2. Press the **Rate** (left) soft key (…). The **EXCHANGE RATE** list appears in the display.
3. Press the **EDIT** key (OK). The **EDIT EXCHANGE RATE** list appears in the display.
4. Use the Up and Down navigation keys to highlight a currency whose exchange rate you wish to change.
5. Use the keypad keys to change the selected exchange rate value.
6. Press the OK key to save the changed exchange rate. The **EXCHANGE RATE** list appears in the display.
7. To change any other exchange rates, repeat Steps 3 – 6.
8. Press the CLR key to return to the **Converter** screen.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**), 8 tuv (for **Converter**), and 1@ for **Currency**.
2. Press the **Rate** (left) soft key (…). The **Exchange Rate** list for the **From** currency appears in the display.
3. Press the **Add** (left) soft key (…). The **Add Exchange Rate** screen appears in the display with the **Base** field highlighted.
4. Use the Left and Right navigation keys to select the **Base** currency to be converted from.
5. Press the Down navigation key to highlight the **Currency** field.
6. Enter an identifier of up to 5 characters for the new currency using the keypad. (See “Section 5: Entering Text” on page 63 for more information.)
7. Press the Down navigation key to highlight the **Exchange Rate** field.
8. Enter a decimal exchange rate for the new currency using the keypad.

Notes:

Press the *+ key to enter the decimal point.

The **Exchange Rate** field only accepts up to five digits after the decimal point.

---

9. Press the OK key to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**), 8 tuv (for **Converter**), and 1 @ for **Currency**.
2. Press the **Rate** (left) soft key (…). The **Exchange Rate** list for the **From** currency appears in the display.
3. Use the Up and Down navigation keys to highlight the user-added currency exchange rate to be erased.
4. Press the **Erase** (right) soft key (…). You are prompted to confirm the erasure.

Note: The right soft key (…) is undefined for default Exchange Rates. This prevents you from erasing them.

---

5. Press the **Yes** (left) soft key (…) to erase the selected exchange rate or press the **No** (right) soft key (…) to return to the Exchange Rate list.

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. In standby mode, press the **Menu** (left) soft key (…), then press 8 tuv (for **Tools**) and 9 wxyz for **Tip Calculator**. The Tip Calculator screen appears in the **Bill** field is highlighted.
2. Use the keypad to enter the total amount of the bill.
3. If needed, press the Down navigation key to highlight the **Tip** field.
4. Use the keypad to enter a tip percentage.
5. If needed, press the Down navigation key to highlight the **# Paying** field.
6. Use the keypad to enter the number of persons paying.
7. The amount of the Tip, the bill Total, and the amount Each person should pay appear in the lower half of the screen.

Section 13: Settings

Topics Covered

- Location Setting
- Display Settings
- Sound Settings
- Call Settings
- Phone Settings
- Memory Info
- Phone Info

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually or only when you make an emergency (911) call.

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

---

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**) and 1@ for **Location**. The following Location options appear in the display:
   - **Location On** — Your location data is continually sent wherever the feature is available.
   - **911 Only** — Your location data is sent only when you dial 911.
2. Use the navigation keys to highlight an option.
3. Press OK to select the function. The **Settings** menu appears in your display.
4. Press END to return to standby mode.

Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**) and 2abc for **Display Settings**. The following menus appear in the display:
   - **Menu Style** — Choose how main menus appear in the display when you press the **Menu** (left) soft key(...).

- **Wallpaper** — Choose the images that appear as background in the Main and Front displays on your phone while in standby mode.
- **Clock Format** — Choose whether the time and date appear in the Main and Front displays on your phone in optional digital or analog (clock face) style or in the default digital style.
- **Theme** — Choose the color set used to show menus and screens on your phone’s display.
- **Dialing Font** — Lets you select the style and size of the font used to display digits you dial.
- **Banner** — Lets you change or replace the text greeting that appears in the display when your phone is in standby mode. Also lets you enable/disable an ERI (Extended Roaming Indicator) banner.
- **Backlight** — Set backlight options for the Main Display, Keypad, and backlight Brightness.
- **Contrast** — Lets you set display contrast.

2. Use the navigation keys to highlight a sub-menu.
3. Press the OK key to enter the highlighted sub-menu. The following sections describe the Display sub-menus in greater detail.

Menu Style

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 1@ for **Menu Style**. The following options appear in the display:
    - **Icon** — Shows all main menus as an array of icons.
    - **List** — Shows main menus in scrollable list (text) format.
2. Use the navigation keys to highlight **Icon** or **List**, then press the OK key.

Wallpaper

Wallpaper lets you choose images that appear in the background on your phone's Main and Front displays while in standby mode.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 2abc for **Wallpaper**. The following options appear:
   - **Main Display**
   - **Front Display**
2. Use the navigation keys to highlight the desired display, then press the OK key. The following options appear:
   - **My Images** — Lets you select an image that you've downloaded or a picture you've taken with the camera.
   - **Preset Images** — Lets you select an image that came preloaded with your phone.
3. Use the navigation keys to highlight the image type that you wish to use and press the OK key. A list of images appears in the display.
4. Use the navigation keys to highlight the image that you wish to use and press the OK key to save your selection.

Clock Format

Lets you choose whether the time and date appear in the Main and Front displays on your phone in optional digital or analog (clock face) style or in the default digital style.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 3def for **Clock Format**.

The following clock options appear in the display:

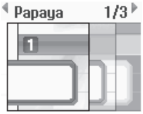
- **Main Clock**
- **Front Clock**

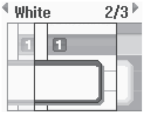
2. Use the navigation keys to highlight the desired clock, then press the OK key. The following clock format options appear in the display:
   - **Digital** — Time, date, and day of the week are shown using an alternate, large digital format.
   - **Analog** — Time is shown using an analog clock face image.
   - **Off** — Time, date, and day of the week are shown using the default, small digital format.
3. Use the navigation keys to highlight the image that you wish to use and press the OK key to save your selection.

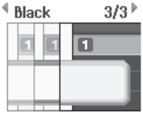
Theme

Lets you select the colors used to show menus and screens in the Main display.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 4ghi for **Theme**. The following options appear in the display:







2. Use the Left and Right navigation keys to show the desired color theme (which appears in the preview screen), then pressed the OK key to save the selected theme setting.

Dialing Font

Lets you select the style and color of your dialing font.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 5jkl for **Dialing Font**. The following sub-menus appear in the display:
   - **Style** — Choose the font used to show phone number digits when you enter them to be dialed.
   - **Size** — Choose the size of the digits.
2. Use the Up and Down navigation keys to highlight the desired dialing font characteristic, then press the OK key.
   - If you select **Style**, the following Style options appear in the display:
     - **Normal**
     - **Quill Pen**
     - **Sticky**
     - **Color Dial**

     Use the Left and Right navigation keys to highlight the desired setting and press the OK key to save the selected setting.
   - If you select **Size**, the following Size options appear in the display:
     - **Normal**
     - **Large**

     Use the Up and Down navigation keys to highlight the desired setting and press the OK key to save the selected setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 6mno for **Banner**. The following sub-menus appear in the display:
   - **Personal**
   - **ERI Banner**
2. Use the Up and Down navigation keys to highlight the desired banner, then press the OK key.
   - If you select **Personal**, the **Banner** screen appears in the display with the **Enter Text** field highlighted.
     - Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 12 characters). See "Section 5: Entering Text" on page 63 for more information.

Tip: Press and hold CLR to erase an existing banner, if necessary.

Press the OK key to save your changes.

- If you select **ERI Banner**, the following options appear in the display:
  - **On**
  - **Off**

  Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the folder is open.

Note: Prolonged backlight use drains your battery faster.

---

1. In standby mode, press the **Menu** (left) soft key (···), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 7pqrs for **Backlight**. The following sub-menus appear in the display:
   - **Main Display** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **7 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **7 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Brightness** — Use the Left and Right navigation keys to select between any of 5 optional settings.
2. Use the Up and Down navigation keys to highlight the desired sub-menu and press the OK key.
3. Use the navigation keys to change settings as desired in the selected sub-menu, and press the OK key to save your selection.

Contrast

Set the front display contrast to your preference.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**) and 2abc (for **Display Settings**), and 8tuv for **Contrast**. The **Front Contrast** screen appears in the display showing the current contrast setting.
2. Use the Left and Right navigation keys to adjust the contrast for the selected display. The results of your adjustments appear in the display.
3. Press the OK key to save your new contrast setting.

Sound Settings

Sound Settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

Volume

Use the Volume sub-menu to set the default volume for call ringers, message alerts, and alarms.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 3def (for **Sound Settings**), and 1@ for **Volume**. The following options appear in the display:
   - **Voice Calls** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming calls.
   - **Messages** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming messages.
   - **Alarms** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to a preset alarm time being reached.

2. Use the Up and Down navigation keys to highlight the desired option, then press the OK key.
3. Use the navigation keys or the Up and Down volume keys on the left side of your phone to select the volume level (**Ringer Off**, **Low**, **Low/Medium**, **Medium**, **Medium/ High**, or **High**) or vibrate mode (**Vibrate**, **Vibrate/High**) for the selected option.
4. Press the OK key to save the option setting.

Ringer Type

You can assign ring tones and melodies for calls, alarms, and other alerts in the Ringer Type sub-menu.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 3def (for **Sound Settings**), and 2abc for **Ringer Type**. The following ringer types appear in the display:
   - **Voice Call**
   - **Messages**
     - **Text Message**
     - **Picture Message**
     - **Voicemail**
   - **Roam Ringer**
2. Use the navigation keys to highlight a ringer type, then press the OK key. The following ringtone options appears in the display:
   - **My Ringtones**
   - **My Sounds**
3. Use the Up and Down navigation keys to highlight the desired ringtone gallery, then press the OK key.

4. Use the Up and Down volume keys to scroll through the ringer types and melodies for the selected ringer type. Press the **Play** (left) soft key (…) to play each tone or melody as you scroll through the list.
5. When the desired ringer type plays, press the OK key to save your selection.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**), 3 def (for **Sound Settings**), and 3 def for **Alerts**. The following options appear in the display:
   - **Minute Beep** — Sound an alert ten seconds before each elapsed minute of a call.
   - **Roaming** — Sound an alert when you leave your home service area while on a call.
   - **Call Connect** — Sound an alert when you connect/ disconnect a call.
   - **Power On/Off** — Play power on and power off melodies.
2. Use the navigation keys to highlight a sub-menu, then press the OK key. The following options appear in the display:
   - **On**
   - **Off**
3. Use the Up and Down navigation keys to highlight active (**On**) or inactive (**Off**) for the selected alert.
4. Press the OK key to confirm your selection.

Key Tone

Key Tone lets you adjust the volume level and length of tone that the keypad generates each time you press a key.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 3def (for **Sound Settings**), and 4ghi for **Key Tone**. The following options appear in the display:
   - **Tone Level** (volume)
   - **Tone Length**

   Tone Level is highlighted.
2. Press the OK key to adjust the Key Tone volume.
   - Use the volume keys or navigation keys to set the keypad tones volume.
   - Press the OK key when the desired key beep volume setting is reached. You are returned to the **Key Tone** sub-menu.
3. Use the navigation keys to highlight **Tone Length**, then press the OK key.
   - Use the navigation keys to highlight **Short** or **Long**.
   - Press the OK key to save your setting. You are returned to the **Key Tone** sub-menu.

Dynamic Vibration

Set your phone to vibrate in sync with ringtones and melodies your phone plays.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 3def (for **Sound Settings**), and 5jkl for **Dynamic Vibration**.

2. Use the navigation keys to highlight **On** or **Off**, then press the OK key.

Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

Restriction

Restriction allows you to restrict outgoing calls, incoming calls, and all access to your Contacts.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9 wxyz (for **Settings**), 4 ghi (for **Call Settings**), and 1@ for **Restriction**. The following options appear in the display:
   - **Outgoing** — When set to **On**, outgoing calls are restricted.
   - **Incoming** — When set to **On**, incoming calls are restricted.
   - **Contacts** — When set to **On**, all access to your Contacts List is restricted (including speed dialing).

Note: The default restriction settings are all **Off**.

---

2. Use the Up and Down navigation keys to highlight the Restriction you want, then press OK. The following options appear in the display:
   - **On** — Restricted
   - **Off** — Unrestricted
3. Use the navigation keys to highlight **On** or **Off**, then press OK.

Call Answer

You can select a specific answer mode when you receive an incoming call. Your phone can be preset to answer when you do any of the following:

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 2abc for **Call Answer**. The following Call Answer options appear in the display:
   - **Any Key** — Press any key except END or ▲▼ to answer an incoming call.
   - **Send Only** — Press SEND to answer an incoming call.
   - **Flip Open** — Open the flip or press SEND to answer an incoming call.
2. Use the navigation keys to highlight the method you wish to use for answering calls, then press the OK key.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 3def for **Auto Answer**. The following options appear in the display:
   - **Off**
   - **After 1 Second**
   - **After 3 Seconds**
   - **After 5 Seconds**
2. Use the navigation keys to highlight the desired setting, then press the OK key.

Auto Retry

Auto Retry automatically re-dials a number if there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone redials a number may vary.

1. In standby mode, press the **Menu** (left) soft key (···), then press 9 wxyz (for **Settings**), 4 ghi (for **Call Settings**), and 4 ghi for **Auto Retry**. The following options appear in the display:
   - **Off**
   - **Every 10 Seconds**
   - **Every 30 Seconds**
   - **Every 60 Seconds**
2. Use the navigation keys to highlight the desired setting, then press OK.

TTY Mode

Your phone is fully Teletypewriter (TTY)/ Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone, behind the folder hinge.

Note: TTY Mode must be enabled (**TTY Full** selected) before you can use your phone with TTY/TDD equipment.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 5jkl for **TTY Mode**. A message pops-up warning of possible headset and non-TTY accessory performance impairment when in TTY mode and prompting you to confirm that you want to enable/disable TTY Mode.
   - Press the **Yes** (left) soft key (…) to confirm you want to change the TTY Mode setting.
   - Press the **No** (right) soft key (…) to keep the current TTY Mode setting.
2. The following options appear in the display:
   - **TTY Full** — Enables TTY mode while letting you hear and speak with the other party.
   - **TTY + Talk** — Enables TTY mode while letting you speak with the other party.
   - **TTY + Hear** — Enables TTY mode while letting you hear the other party.
   - **TTY Off** — Disables TTY mode.

Note: The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

---

3. Use the navigation keys to highlight your selection and press the OK key. You're returned to the previous menu and the TTY icon ( ) appears in the top of the display.

Voice Privacy

Voice Privacy lets you choose what level of voice security (Standard or Enhanced) your phone will use.

Tip: You can change your **Voice Privacy** setting during a call by using the In-Use Menu options. (See “In-Use Menu” on page 43 for more information.)

---

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 6mno for **Voice Privacy**. The following options appear in the display:
   - **Standard**
   - **Enhanced**
2. Use the navigation keys to highlight the Voice Privacy option of your choice, then press the OK key.

Data Settings

Use the **Data Settings** sub-menu to set your phone to detect data connections automatically.

1. In standby mode, press the left soft key (...), then press 9wxyz (for **Settings**), 4ghi (for **Call Settings**), and 7pqrs for **Data Settings**. The following options appear in the display:
   - **Data Off** — Your phone ignores data connections.
   - **Data For Next Call** — Your phone accepts data connection for the next call.
   - **Data Until Powered Off** — Your phone accepts data connections until you turn off your phone.
2. Use the navigation keys to highlight the desired data setting, then press the OK key.

Phone Settings

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from making or receiving calls, but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 5jkl (for **Phone Settings**), and 1@ for **Airplane Mode**. The following options appear in the display:
   - **On** — Disables the radio transmitter and receiver in your phone.

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press SEND.

   - **Off** — Enables the radio transmitter and receiver in your phone.

Note: Press CLR to return to the **Phone Settings** menu.

---

2. Use the navigation keys to highlight the desired option, then press the OK key. You are prompted to confirm your setting change.
3. Press the **Yes** (left) soft key (...) to change to the new setting. Press the **No** (right) soft key (...) to discard the change and keep the original setting.
4. If you press **Yes**, you are returned to standby mode. If you press **No**, the **Airplane Mode** screen remains in the display.

Shortcut Key

The Up navigation key can be customized to launch any one of numerous applications or functions from standby mode. Use the **Shortcut Key** sub-menu to choose the application that you wish the navigation up key to launch.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 5jkl (for **Phone Settings**), and 2abc for **Shortcut**. The following functions appear in the display:
   - **My Images**
   - **My Ringtones**
   - **My Sounds**
   - **Inbox**
   - **Tools**
   - **Calculator**
   - **Tip Calculator**
   - **Alarm Clock**
   - **Converter**
   - **Calendar**
   - **Stop Watch**
2. Use the navigation keys to highlight the desired function, then press the OK key.

   You can now press the Up navigation key in standby mode to launch the selected function.

Language

The Language option changes the language of menus, sub-menus, and other user-interface features.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Language**.

   The following options appear in the display:

   - **English**
   - **Español**
2. Use the navigation keys to highlight your language preference, then press the OK key.

Security

Use the Security sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

Lock Phone

Locking the phone blocks all outgoing calls except those to 911 and to the three user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency and secret numbers).

Important! If you change the **NAM1** setting after setting the phone to lock upon power-up and did not program a number into **NAM2**, you won’t be able to access your phone. You must call the Service Center to unlock your phone.

1. In standby mode, press the **Menu** (left) soft key (···), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 4 ghi for **Security**.

   The “**Enter Code**” prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The “**Enter Code**” prompt disappears and the **Security** menu appears in the display.

3. Press 1@ for **Lock Phone**. The following options appear in the display:
   - **Lock** — The phone locks immediately and stays locked until you enter the lock code.
   - **Unlock** — The phone remains unlocked.
   - **On Power Up** — The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.
4. Use the navigation keys to highlight the Lock Phone option of your choice.
5. Press OK to perform the function for the highlighted option.

Change Lock

The default lock code is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 5jkl (for **Phone Settings**), and 4ghi for **Security**.

   The "**Enter Code**" prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.
3. Press 2abc for **Change Lock**. You're prompted to enter the New Lock Code.
4. Enter the New Lock Code. You're prompted to re-enter the New Lock Code for verification.
5. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

You have the option of storing up to three emergency numbers to your phone. Each number can be up to 32 digits in length. All emergency numbers can be dialed any time, even when your phone is locked or restricted.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important! Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important! DO NOT depend on this phone as a primary method of calling 911 or for essential or emergency calls.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Note: When you dial an emergency number, you phone locks itself to the emergency location that answered the call and locks itself in 911-Only mode, blocking from dialing any number but an emergency number.

Store Emergency Numbers

1. In standby mode, press the **Menu** (left) soft key (...), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 4 ghi for **Security**.

   The "**Enter Code**" prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press 3 def for **Emergency #**.
4. Press 1 @, 2 abc, or 3 def to select one of the three emergency numbers.
5. Enter the emergency number (up to 32 digits in length).

6. Press OK to save the number that you entered.
7. Press **Cancel** (right) soft key (…) to discard your entry and return to the previous menu.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number via the keypad.
2. Press SEND to place the call.

Reset Phone

Reset Phone returns all setup parameters (except for the phonebook entries) to their factory default values.

Caution! Before selecting **Reset Phone**, contact your Wireless Carrier. Invoking **Reset Phone** may erase settings made by your Wireless Carrier from your phone, resulting in loss of service.

---

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 5jkl (for **Phone Settings**), and 4ghi for **Security**.

   The "**Enter Code**" prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press 4ghi for **Reset Phone**. A prompt appears in the display to restore default settings (except for Contacts).
4. Press the **Yes** (left) soft key (…) to reset your phone to factory default settings. Press the **No** (right) soft key (…) to keep the current settings.

NAM Selection

NAM Selection allows you to set your preferred system. Contact your wireless carrier for more information.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 5 jkl for **NAM Selection**.

   The following NAM options appear in the display:

   - **NAM 1** — Your service contract has one phone line.
   - **NAM 2** — Your service contract has two phone lines.

2. Use the navigation keys and to highlight **NAM 1** or **NAM 2**, the press OK to save your selection.

   The phone automatically restarts.

System Select

The **System Select** feature enables you to automatically or manually select the network used when roaming outside of your home area.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 6 mno for **System Select**. The following roaming options appear in the display:

   - **metroPCS only** — Roaming is **off**. If your home system is not available then your call will not be connected, and the no service icon ( ) appears in the display. In some service areas, an operator may come on-line and ask you how you would prefer to pay for the call.

- **Automatic** — Roaming is **on**. It will always try your calls using the Preferred Roaming List (PRL) loaded into your phone. If a preferred service is not found, then this option will attempt to acquire any digital service.

2. Use the navigation keys and to highlight the desired Roam option, the press OK to save your selection.

   The **Phone Settings** menu appears in the display.

Set Time

Use the **Set Time** option to set the current date and time.

Note: In digital service mode, the **Main Clock** feature is disabled. The network adjusts time and date automatically.

---

1. In standby mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 7 pqrs for **Set Time**. The following options appear in the display:
   - **Set Time**
   - **Set Date**
2. Use the Up and Down navigation to highlight **Set Time**, then press the OK key. The **Set Time** screen appears in the display.
3. Enter the current time using your keypad:
   - The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
   - Use the Left and Right navigation keys to select **am** or **pm**.

1. Press OK to save the time. The following options appear in the display:
   - **Set Time**
   - **Set Date**

2. Use the Up and Down navigation to highlight **Set Date**, then press the OK key. The **Set Date** screen appears in the display.
3. Enter the current date using your keypad:
   - The month and day must be entered using two digits each.
   - The year must be entered with all four digits.
4. Press OK to save the date.

Quick Search

Quick Search is an easy way to locate contacts in your Address Book and Menu items.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9wxyz (for **Settings**), 5jkl (for **Phone Settings**), and 8tuv for **Quick Search**. The following options appear in the display:
   - **On**
   - **Off**
2. Use the Up and Down navigation keys to highlight the desired option, then press OK.

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the contact's name.

   For example, to search for "Sally" you would enter

7pqrs	2abc	5jkl	5jkl	9wxyz
S	A	L	L	Y

2. Press the Up navigation key. The contact name is highlighted.

3. Press the SEND key to call the contact.

Searching for a Menu Item

1. In standby mode, press the first few numeric keys that correspond to the letters of the Menu item name.

   For example, to search for “Inbox” you would enter

4 ghi	6 mno	2 abc	6 mno	9 wxyz
I	N	B	O	X

2. Press the Down navigation key. The menu item is highlighted.
3. Press the OK key to access the content of the menu item.

PC Connection

PC Connection allows you to select how you want your phone to connect to your PC.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**), 5 jkl (for **Phone Settings**), and 9 wxyz for **PC Connection**. The following options appear in the display:
   - **USB**
   - **Bluetooth**
   - **No Connection** — Disables the PC Connection.
2. Use the Up and Down navigation keys to highlight the desired option, then press OK.

Memory Info

Memory Info shows the amount of phone memory that is available and used, and details the distribution of the used memory.

1. In standby mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**) and 6 mno for **Memory Info**.

   The **Memory Info** screen appears in the display listing the following information:

   - **Total Used**
   - **Available**
   - **My Photos**
   - **My Ringtones**
   - **My Sounds**
   - **Applications**

Phone Info

Phone Info lets you identify the hardware and software versions of your phone and to identify the phone number assigned to your phone.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by your Wireless Carrier.

1. In idle mode, press the **Menu** (left) soft key (…), then press 9 wxyz (for **Settings**), 7 pqrs (for **Phone Info**), and 1@ for **Phone Number**. The phone number assigned by your Wireless Carrier appears in the display.
2. Press OK to return to the **Phone Info** menu.

Icon Glossary

This option causes the ICON GLOSSARY list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. In idle mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 7pqrs (for **Phone Info**), and 2abc for **Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.
2. Press OK to return to the **Phone Info** menu.

Version

You can view the PRL (Preferred Roaming List), ERI (Extended Roaming Indicator), software version, and hardware version on your phone. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press the **Menu** (left) soft key (...), then press 9wxyz (for **Settings**), 7pqrs (for **Phone Info**), and 3def for **Version**.

   Hardware and software information for your phone appears in the display.
2. Press the OK key to return to the **Phone Info** menu.

Section 14: Health and Safety Information

Topics Covered

- Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 1.20 W/Kg.
- Body-worn: . 1.23 W/Kg.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

UL Certified Travel Adapter

The Travel Adapter for this phone has met UL 1310 safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS. DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- "Support needed research into possible biological effects of RF of the type emitted by wireless phones;

- "Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- "Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- "National Institute for Occupational Safety and Health
- "Environmental Protection Agency
- "Federal Communications Commission
- "Occupational Safety and Health Administration
- "National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- "If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In

February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices.

Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/topics/emf/
- World health Organization (WHO):
  http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- National Radiation Protection Board (UK):
  http://www.hpa.org.uk/radiation/
- US food and Drug Administration
  http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergeny number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices requireyou to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the SEND key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user’s guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave

the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short- circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to:

http://www.samsungwireless.com/recycling.htm for more information.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone has an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

[09/05/06]

Section 15: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/ Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/ peripheral equipment not furnished or approved by

SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- "THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- "WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- "DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- "THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- "COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND

WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY

NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, L.P.
1000 Klein Street
Plano, Texas 75074

Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

©2006 Samsung Telecommunications America, L.P. All rights reserved.

No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice.

Printed in Korea

Index

Symbols

@metro
- On-line Help 95
- Settings 94

Numerics

2-sec pause 77

A

Adding a new Contacts entry
- Dial Method 74

Adjust
- key tone 188
- ringer setting 31, 41

Alarm clock
- set the alarm 166
- turn off the alarm 167
- when an alarm sounds 167

Alerts 187

Apps
- buying 96
- disabled 96
- expired 97
- removing 96
- restoring 97

Auto Answer 190

Auto Retry 191

B

Backlight 184

Banner 183

Battery 12
- charging 11
- Low battery indicator 12
- removal 13
- Travel adapter 11

Brightness, pictures 144

Buying new apps 96

C

Calculator 169

Calendar
- view an event 161

Call Answer 190

Call answer 41

Call Answer mode 28

Call block 42

Call Functions
- Answering a Call 40
- Making a Call 34

Call notification types 40

Call Settings
- Auto Answer 190
- Auto Retry 191
- Call Answer 190
- Data Settings 193
- Restriction 189
- TTY Mode 191
- Voice Privacy 192

Call timer 48

Call waiting 42

Caller ID 42

Calls
- call timer 48
- data counter 49
- erase logs 47
- incoming 45
- missed 46
- outgoing 44
- store numbers 50

Calls menu 44

Camera
- Options 145
- Screen 143
- Screen Icons 143
- Self Timer 146
- Shortcuts 144
- Taking Pictures 142

Camera mode 32

Camera Screen 143

Canned Message Text
- Editing and Entering 123

Change lock 197

Clear key 24

Contacts 70
- add pauses 77
- Adding a new Contacts entry 74
- edit name and numbers 76
- opening 70
- Save a number after a call 81

Contacts List
- Memory 91

Contrast 185

Create messages 100

D

Data Counter 49

Data Settings 193

Data, view counters 49

Delay pictures 146

Dialing Font 182

Disabled apps 96

Display 178

Display screen icons 26

Display Setting
- Contrast 185

Display Settings 181
- Backlight 184
- Banner 183
- Dialing Font 182
- Menu Style 179
- Wallpaper 180

Draft folder 117

Draft messages 117

Dynamic Vibration 188

E

Edit contacts name and numbers 76

Emergency 198, 199

Emergency #s in lock mode 200

Emergency numbers 198

End key 25

Entering Text 63
- Entering Numbers 67

- Entering Symbols 68
- Using T9 Mode 65

Erase logs 47

Erase messages 121

Exit metroWeb 129

Expired apps 97

G

Gallery
- Image 151

General message settings 122

Getting Started 9
- Activating Your Phone 12
- Understanding this User Manual 10
- Voicemail 15

Go back one menu 54

GPS Setting 178

H

Hardware version, viewing 206

Health and Safety Information 207

I

Icon Glossary 206

Icons
- number type 74, 81, 82

Ignore calls 43

Inbox folder 112

Incoming calls 40

Incoming calls menu 45

Input mode 29

K

Key Tone 188

L

Language 196

Left soft key 23

Lock code, changing 197

Lock mode 29

Lock phone 196

M

Menu Navigation 53
- Menu Outline 56

Menu Style 179

Message folder
- draft box 117
- inbox 112
- outbox 114
- voice 120
- voice mail 120

Message Folders
- Erase messages 121

Message settings, general 122

Messages and lock mode 116

Messages, creating 100

Messages, receive in call 102

Messaging 99
- Types of Messages 100

Metroweb 127
  - How Metroweb Keys Work 130
  - Launching Metroweb 128
  - Using Links 129
  - Using Metroweb 129

Missed calls menu 46

Mobile Shop 93
  - Shopping and downloading 94

Mode
  - call answer 28
  - camera 32
  - input 29
  - lock 29
  - silent 30
  - standby 29
  - talk 30
  - vibrate 31

Msg setting sub menu 122

Multimedia 141

N

Navigation key 25

Navigation key shortcuts 55

Notes and tips 10

Notes, description 10

Number type icons 74, 81, 82

O

OK key 24

Outbox folder 114

Outbox, reviewing messages 115

Outgoing 44

P

Pause dial 35, 78

Pauses, adding 77

Phone Info
  - Icon Glossary 206
  - Phone Number 205

Phone Number 205

Phone Settings
  - Language 196
  - Shortcut Key 195

Picture message settings 124

Picture Messages
  - Postcard 111

Picture messages
  - online viewing 108
  - receiving 108
  - Send in camera mode 102

Pictures
  - brightness 144
  - quality 149
  - shutter sounds 149
  - zooming in 145

Postcard Picture Messages 111

Q

Quality, pictures 149

R

Receive messages in call 102
Receive pic. messages 108
Receive text messages 101
Removing apps 96
Reset your phone 200
Resolution, notes about 145
Restoring apps 97
Restriction 189
Return to last menu 54
Review calls 48
Reviewing outbox 115
Right soft key 24
Ringer Type 186

S

Save a number after a call 81
Security sub menu 196
Self timer 146
Send key 25
Setting
  Call Answer 190
  Contrast 185
Settings 177
  Auto Answer 190
  Auto Retry 191
  Backlight 184
  Banner 183
  Data Settings 193
  Dialing Font 182
  Dynamic Vibration 188
  Key Tone 188
  Language 196
  Location Setting 178
  Menu Style 179
  Restriction 189
  Ringer Type 186
  Shortcut Key 195
  Theme 181
  TTY Mode 191
  Voice Privacy 192
  Volume 185
  Wallpaper 180
Settings, picture messages 124
Settings, text messages 124
Shortcut Key 195
Shortcut to menus 55
Shutter sounds 149
Silence ringer 43
Silent mode
  entering 30
  exiting 30
Software version, viewing 206
Sound Settings
  Dynamic Vibration 188
  Key Tone 188
  Ringer Type 186
  Volume 185
Speakerphone Key 25

Standby mode 29
Store emergency #s 199
Store numbers after a call 81

T

Take pictures
  with flip open 142
Taking pictures 142
Talk mode 30
Text entry modes 100
Text message settings 124
Text messages, receiving 101
Text Modes
  changing 64
Theme 181
Three-way calling 34
Timer, calls 48
Timer, camera 146
Tip, description 10
Tools 157
  add new event 162
  alarm clock 166
  calculator 169
  calendar 161
  memo pad 164
  world time 168
TTY Mode 191

U

Understanding Your Contacts 69
  Deleting a Contacts entry 90
  Editing an existing Contacts entry 76
  Finding a Contacts entry 71
Understanding Your Phone 17
  Closed View of Your Phone 19
  Command Keys 23
  Display Screen 26
  Features of Your Phone 18
  Open View of Your Phone 21
Using Abc Mode 66

V

Version 206
Vibrate mode 31
View an event, scheduler 161
Voice folder 120
Voice mail
  checking 120
  listening to 15
Voice Privacy 192
Voice Setting
  About VoiceSignal 139
  Choice Lists 134

  - Sensitivity 135
  - Sound 138
  - Voice Launch 138
- **Voice SVC** 131
- **Volume** 185

W

- **Wait** 77
- **Wallpaper** 180
- **Warranty Information** 237
  - Standard Limited Warranty 238
- **World time** 168

Z

- **Zooming, pictures** 145